APPENDIX A

INITIAL STUDY / NOTICE OF PREPARATION

APPENDIX A.1

INITIAL STUDY

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Initial Study

Ethanac Logistics Center

PLN22-05326, PLN22-05327, PLN22-05328, PLN22-00030

Prepared for the Lead Agency:

CITY of PERRIS INC. 1911

September 2023

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INITIAL STUDY

Ethanac Logistics Center

PLN22-05326, PLN22-05327, PLN22-05328, PLN22-00030

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September 22, 2023

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ACRONYMS LIST

Acronym	Definition
AB 52	Assembly Bill 52
ADA	American Disabilities Act
AICUZ	Air Installation Compatible Use Zone Study
ALUC	Airport Land Use Commission
APN	Assessor Parcel Number
APZ	Accident Potential Zone
ASTM	ASTM International Standard
AQMP	Air Quality Management Plan
Basin	South Coast Air Basin
BMP	Best Management Practice
CARB	California Air Resources Board
CCR	California Code of Regulations
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CHSC	California Health and Safety Code
City	City of Perris
CMP	Congestion Management Program
CNEL	Community Noise Equivalent Level
CNDDB	California Natural Diversity Database
CO	Carbon Monoxide
CREC	Controlled Recognized Environmental Conditions
CZ	Change of Zone
DIF	Development Impact Fees
DOT	United States Department of Transportation Office of Hazards and Materials Safety
DPR	Development Plan Review
DTSC	Department Toxic Substances Control
EIR	Environmental Impact Report
EMWD	Eastern Municipal Water District
EPA	U.S. Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FMMP	Farmland Mapping Management Program
FT	feet

Acronym	Definition
GHG	Greenhouse Gas
GMZ	Groundwater management zone
GP	City of Perris Comprehensive General Plan 2030
GPA	General Plan Amendment
HREC	Historical Recognized Environmental Conditions
IPA LUCP	Inland Port Airport Land Use Compatibility Plan
I-215	Interstate 215
IS	Initial Study
LI	Light Industrial
LST	Localized Significance Threshold
MARB/IPA	March Air Reserve Base/Inland Port Airport
MDP	Master Drainage Plan
MRZ	Mineral Resources Zone
MSHCP	Western Riverside County Multiple Species Habitat Conservation Plan
NAHC	Native American Heritage Commission
NCCP	Natural Communities Conservation Plan
ND	Negative Declaration
NO_2	Nitrogen Dioxide
NO_x	Nitrogen Oxides
NPDES	National Pollutant Discharge Elimination System
PM-2.5	Particulate Matter Less Than 2.5 Microns in Diameter
PM-10	Particulate Matter Less Than 10 Microns in Diameter
PRC	Public Resource Code
PVC	Perris Valley Channel
PVRWRF	Perris Valley Regional Water Reclamation Facility
RCA	Regional Conservation Authority
RCFD	Riverside County Fire Department
REC	Recognized Environmental Conditions
ROW	Right-of-way
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SF	Square Feet
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SKR HCP	Stephen's Kangaroo Rat Habitat Conservation Plan
SR	State Route

Acronym	Definition
SRA	State Responsibility Area
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TDS	Total dissolved solids
TPM	Tentative Parcel Map
USFWS	United States Fish and Wildlife Service
UWMP	Urban Water Management Plan
VMT	Vehicle Miles Traveled
WRC RCA	Western Riverside County Regional Conservation Authority
WQCO	Water Quality Control Plan
WQMP	Water Quality Management Plan

1.0 INTRODUCTION

1.1 Purpose and Scope

This Initial Study (IS) has been prepared in accordance with the following:

- California Environmental Quality Act (CEQA) of 1970 (Public Resources Code Sections 21000 et seq.); and
- Guidelines for Implementation of the California Environmental Quality Act (State CEQA Guidelines) (California Code of Regulations, Title 14, Division 6, Chapter 3, Sections 15000 et seq.).

Pursuant to CEQA, this IS has been prepared to analyze the potential for significant impacts on the environment resulting from implementation of the proposed Ethanac Logistics Center (proposed Project), described in greater detail in Section 3.0 – Project Description below.

If an IS prepared for a proposed project determines that no significant effects on the environment would occur or that potentially significant impacts can be reduced to less than significant levels with implementation of specified mitigation measures, the Lead Agency shall prepare a Negative Declaration (ND) or a Mitigated Negative Declaration (MND) pursuant to the State CEQA Guidelines Sections 15070–15075. An ND or MND is a statement by the Lead Agency attesting that a project would produce less than significant impacts or that potentially significant impacts can be reduced to less than significant levels with mitigation. If the IS determines that significant effects may occur, an Environmental Impact Report (EIR) shall be prepared. This further environmental review (i.e., the EIR) is required to address the potentially significant environmental effects of the project and to provide mitigation where necessary and feasible.

Pursuant to the provisions of CEQA and the State CEQA Guidelines, the City of Perris is the Lead Agency and is charged with the responsibility of deciding whether or not to approve the proposed Project. This Initial Study has evaluated each of the issue areas contained in the checklist provided in Section 6.0 – Environmental Checklist of this document. The objective of this environmental document is to inform City of Perris decision makers, representatives of other affected/responsible agencies, and other interested parties of the potential environmental effects that may be associated with implementation of the proposed Project.

1.2 Document Organization

This Initial Study includes the following:

Section 1.0 – Introduction. Provides information about CEQA and its requirements for environmental review. It further explains an Initial Study was prepared to evaluate the proposed Project's potential impact to the physical environment to determine if an EIR is required.

Section 2.0 – Project Summary. Provides summary of Project Information.

Section 3.0 – Environmental Setting. Provides information about the Project's Location.

Section 4.0 – Project Description. Provides a description of the proposed Project's physical features and characteristics.

Section 5.0 – Environmental Analysis and Determination. Provides a summary of potential environmental impacts associated with the implementation of the Proposed Project.

Section 6.0 – Environmental Checklist. Includes the Environmental Checklist Form (Form) from Appendix G of the 2023 State CEQA Guidelines. This section includes a series of questions about the

project for each of the listed environmental topics. The Form evaluates the proposed Project's potential to result in significant adverse effects to the physical environment, identifies any mitigation measures that may reduce impacts to less than significant, and identifies if an EIR is required, and if an EIR is required, what environmental topics need to be analyzed.

Section 7.0 – References. Identifies the references used in preparation of this Initial Study.

1.3 Initial Study Summary of Findings

As identified through the analysis presented in this IS, with incorporation of applicable mitigation measures and General Plan policies, the proposed Project would have no impacts or less than significant impacts related to aesthetic resources, agriculture and forestry resources, biological resources, hazards and hazardous materials, mineral resources, population and housing, public services, recreation, and wildfire. Further analysis for the following environmental topics is required in a forthcoming Draft EIR due to the potential for significant impacts:

- Air Quality
- Cultural Resources
- Energy
- Geological Resources
- Greenhouse Gas Emissions
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Mandatory Findings of Significance

1.4 Documents Incorporated by Reference

The following reports and/or studies are applicable to development of the Project site and are hereby incorporated by reference:

- *Perris Comprehensive General Plan 2030,* City of Perris, originally approved on April 26, 2005 (GP). (Available at https://www.cityofperris.org/departments/development-services/general-plan)
- *Perris General Plan 2030 Draft Environmental Impact Report,* SCH No. 2004031135, certified April 26, 2005 (GP DEIR). (Available at https://www.cityofperris.org/home/showpublisheddocument/451/637203139698630000)

These reports/studies are also available for review at:

Public Service Counter
City of Perris Planning Division
135 N. D Street
Perris, California 92570
(951) 943-5003
Hours: Monday – Thursday: 8:00 AM to 6:00 PM

1.5 Contact Person

The Lead Agency for the proposed Project is the City of Perris. Any questions about the preparation of the IS, its assumptions, or its conclusions should be referred to the following:

Nathan Perez, Senior Planner
City of Perris Planning Division
135 N. D Street Perris, California 92570
(951)943-5003 / nperez@cityofperris.org

2.0 PROJECT SUMMARY

Project Title	Ethanac Logistics Center Case No.'s: PLN22-05326, PLN22-05327, PLN22-05328, PLN22-00030
Lead Agency	City of Perris 101 N. D Street Perris, California 92570
Lead Agency Contact	Nathan Perez, Senior Planner City of Perris, Planning Division 135 N. D Street Perris, California 92570 (951)943-5003 / nperez@cityofperris.org
Project Location	The proposed development area is comprised of both onsite and offsite areas totaling approximately 32 gross acres. The Project site encompasses approximately 20 on-site gross acres located at the northeastern corner of Trumble Road and Ethanac Road in the City of Perris, Riverside County, California. The proposed Project site consists of Assessor's Parcel Numbers (APNs) 329-240-016 through -020 and -023 through -027. The proposed development area also includes an additional approximately 12 gross acres of offsite improvement areas located within the rights-of-way of Sherman Road, Trumble Road, Ethanac Road, and Illinois Avenue. The Project site is located within Section 10, Township 5 South, Range 3 West, of the San Bernardino Baseline and Meridian. Maps are reflected in **Figure 1, Regional Map** and **Figure 2, Aerial Site Boundary, Figure 3, USGS Topographic Map**, respectively.
Project Sponsor's Name and Address	Hillwood 901 Via Piemonte, Ste 175 Ontario, CA 91764
General Plan and Zoning Designation	The Project site has a General Plan Land Use designation of Community Commercial and zoning designation of Commercial Community as reflected in **Figure 6, Existing General Plan Land Use Designation** and **Figure 7, Existing Zoning Designation**, respectively.
Airport Compatibility Zone	The Project site is located approximately 2.2 miles to the southwest of the Perris Valley Airport and is located outside of the Perris Valley Airport Influence Area. However, the Project site is located within the March Air Reserve Base/Inland Port Airport Land Use Plan Compatibility Plan Zone D – Flight Corridor Buffer as reflected in **Figure 8, March Air Reserve Base/Inland Port Airport Compatibility Zones**.
Project Description	The Ethanac Logistics Center (proposed Project) would involve a change of the General Plan Land Use designation for the Project site from Community Commercial to Light Industrial (LI), a change of zoning from Commercial Community to LI, and the consolidation of ten existing parcels into one parcel in order to develop the approximately 20-gross-acre site with one 412,348-square-foot warehouse building including infrastructure, appurtenances, associated parking areas and associated approximately 12 gross acres of potential offsite areas supporting improvements as reflected in **Figure 9, Proposed General Plan Amendment, Figure 10, Change of Zone, Figure 11, Tentative Parcel Map 38600,** and **Figure 12, Development Plan Review**.

Surrounding Land Uses and Setting	**North:** Industrial uses and vacant land **East:** City of Menifee and legal non-conforming residential uses **South:** City of Menifee, legal non-conforming residential, and industrial uses **West:** Vacant
Other Public Agencies Whose Approval is Required	▪ City of Menifee ▪ Eastern Municipal Water District ▪ Riverside County Flood Control and Water Conservation District ▪ Riverside County Airport Land Use Commission ▪ Santa Ana Regional Water Quality Control Board ▪ South Coast Air Quality Management District

3.0 ENVIRONMENTAL SETTING

3.1 Project Location

The proposed development area is comprised of both onsite and offsite areas totaling approximately 32 gross acres. The Project site encompasses approximately 20 gross acres located at the northeast corner of Trumble Road and Ethanac Road, in the City of Perris (City), Riverside County as reflected in **Figure 1, Regional Map** and **Figure 2, Aerial Site Boundary.** The proposed Project site consists of Assessor's Parcel Numbers (APNs) 329-240-016 through -020 and -023 through -027. The proposed development area also includes an additional approximately 12 gross acres of offsite improvement areas located within the rights-of-way of Sherman Road, Trumble Road, Ethanac Road, and Illinois Avenue, also identified in **Figure 2**. The Project site is located within Section 10, Township 5 South, Range 3 West, of the San Bernardino Baseline and Meridian as reflected in **Figure 3, USGS Topographic Map**.

The City of Perris is divided into ten planning areas. The Project site is located within the southeast portion of the City; specifically Planning Area 9. The Project site's southern and eastern borders lie adjacent to the City of Menifee, so roadway improvements along these frontages may slightly encroach into the City of Menifee. Additionally, drainage improvements are necessary just north of the site to connect to existing facilities. These improvements may also encroach into the City of Menifee.

3.2 Existing Setting

The Project area is relatively flat, sloping in a southeasterly direction with elevations ranging from 1,427 to 1,433 feet above mean sea level. The Project site is unimproved, vacant, and generally flat; dominated by fallow field. A chain link fence is located along the northern boundary of the site. Historically, the site has been used for agricultural purposes. Views of the Project site in its existing condition are provided in **Figure 4, Project Site Photographs 1-3** and **Figure 5, Project Site Photographs 4-5**.

The Project site is located within the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Mead Valley Area Plan. The Project site is not located within an MSHCP Criteria Cell, Cell Group, or Linkage Area. The Project site contains disturbed vegetation that receives frequent weed abatement (i.e., chain flail mowing, disking).

3.3 Existing General Plan Land Use and Zoning Designation

The Project site has a General Plan land use designation of Community Commercial and a Zoning designation of Commercial Community as reflected in **Figure 6, Existing General Plan Land Use Designation** and **Figure 7, Existing Zoning Designation**.

3.4 Surrounding Land Uses

The area to the east and south of the Project site is located within the City of Menifee. The area surrounding the Project site is dominated by vacant land, as well as existing industrial and residential uses as shown on **Figure 2** above, and as described in **Table A, Surrounding Land Uses**, below.

Table A, Surrounding Land Uses

Location	Existing Land Usage	General Plan Land Use Designation	Zoning Designation
Project Site	Unimproved and Vacant	Community Commercial	Commercial Community
North	Industrial uses and vacant land	Commercial Retail (CR); Light Industrial (LI)	Commercial Retail (CR); Light Industrial (LI)
East	City of Menifee Legal non-conforming residential uses	Business Park (BP)	Business Park (BP)
South	City of Menifee Legal non-conforming residential and industrial uses	Commercial Retail (CR); Business Park (BP)	Commercial Retail (CR); Business Park (BP)
West	Vacant land	Community Commercial	Commercial Community

3.5 Airport Land Use

The Project site is located approximately 2.2 miles to the southwest of the Perris Valley Airport and is located outside of the Perris Valley Airport Influence Area. However, the Project is located within the March Air Reserve Base/Inland Port Airport Land Use Plan Compatibility Plan Zone D – Flight Corridor Buffer as reflected in **Figure 8, March Air Reserve Base/Inland Port Airport Compatibility Zones**.

3.6 Vehicular Circulation and Site Access

Regional access to the Project site is provided via Interstate 215 (I-215) located approximately one-quarter mile west of the Project site and State Route 74 (SR-74) east of the site. Existing roadways surrounding the Project site include Trumble Road, Sherman Road, and Ethanac Road. Primary access to the Project site is provided from Trumble Road to the west and Ethanac Road to the south. The City of Perris General Plan– Circulation Element describes the roadway designations and current conditions as described below.

- Trumble Road is a north-south two-lane undivided roadway designated for 78 feet of right-of-way (ROW) and is classified by the City of Perris General Plan Circulation Element as a Major Collector. Trumble Road is currently a paved two-lane roadway with no sidewalks or curbs and gutters and has not been improved to its ultimate buildout condition.
- Sherman Road is a north-south two-lane roadway designated for 60 feet of ROW and is classified by the City of Perris General Plan Circulation Element as a Local roadway. Sherman Road is currently a paved two-lane roadway with no sidewalks or curbs and gutters and has not been improved to its ultimate buildout condition.

- Ethanac Road is an east-west two-lane undivided roadway designated for 184 feet of ROW and is classified by the City of Perris General Plan Circulation Element as an Expressway. Ethanac Road is currently a paved two-lane roadway and does not contain sidewalks, curbs and gutters, or traffic light signals. It has not been improved to its ultimate buildout condition. Ethanac Road is also a designated truck route that provides direct access to I-215.
- Illinois Avenue is an east-west two-lane roadway with striped center lane, curb and gutter and streetlights on both sides of the roadway, and sidewalk with landscaped area on the northern side of the roadway and a portion of the southern side of the roadway. Illinois Avenue is not classified as a General Plan roadway.

The Project would include improvements to roadways along Project site frontage (Sherman Road, Ethanac Road and Trumble Road) as well as offsite areas along Trumble Road (north of the Project site to Illinois Avenue) and Illinois Avenue (from Trumble Road and potentially up to I-215), and potential improvements to the intersection of Trumble Road and Ethanac Road. The Project site is adjacent to the City of Menifee. The centerlines of Sherman Road and Ethanac Road delineates the boundaries between the City of Perris and City of Menifee, with the City of Menifee limits located east of the centerline of Sherman Road and south of the General Plan centerline of Ethanac Road. The centerline of Trumble Road, north of the Project site delineates the boundaries between the City of Perris and City of Menifee; with Perris limits located west of the centerline and Menifee limits located east of the centerline. The City of Menifee General Plan Circulation Element describes these roadways as follows:

- Trumble Road is a north-south roadway designated for 74 feet of ROW and classified by the City of Menifee General Plan as a Collector.
- Sherman Road is a north-south roadway designated for 118 feet of ROW classified by the City of Menifee General Plan as a Major roadway.
- Ethanac Road is an east-west roadway designated for 184 feet to 220 feet of ROW and is classified by the City of Menifee General Plan as an Expressway.

3.7 Public Transit

The City of Perris is currently served by the Riverside Transit Agency (RTA). However, the Project site is not currently served by any designated RTA route. Metrolink provides heavy-rail, regional transit service to the counties of Los Angeles, San Bernardino, Orange, Ventura, San Diego, and Riverside. The closest Metrolink stations are the Perris South and Perris Downtown stations; approximately 1.5 miles and 3 miles northwest of the site, respectively.

4.0 PROJECT DESCRIPTION

4.1 Land Use Applications

The proposed Project includes the following entitlement applications for consideration by the City of Perris:

- General Plan Amendment (GPA) Case No. PLN22-05326: Proposed to amend the City of Perris General Plan land use designation and redesignate the approximately 20-gross-acre site from Community Commercial to Light Industrial as per **Figure 9, Proposed General Plan Amendment**.
- Change of Zone (CZ) Case No. PLN22-05327: Proposed to rezone the approximately 20-gross-acre site from Commercial Community to Light Industrial as per **Figure 10, Proposed Change of Zone**.

- Tentative Parcel Map No. 38600 (TPM) Case No. PLN22-05328: Proposed to consolidate the existing ten (10) parcels at the Project site into one parcel and to dedicate portions of Tumble Road, Sherman Road, and Ethanac Road ROW as per **Figure 11, Tentative Parcel Map 38600**.
- Development Plan Review (DPR) Case No. PLN22-00030: Proposed to develop an approximately 20-gross-acre site with a 412,348-square-foot building consisting of a high-cube speculative warehouse for distribution uses as per **Figure 12, Development Plan Review**. It is anticipated that 50,000 square feet of the building could be utilized for cold-refrigerated storage and 15,000 square feet would be utilized for supporting office uses. In addition to the approximately 20 gross acre site, approximately 12 additional gross acres of offsite improvements are included.

4.2 Proposed Project

The Ethanac Logistics Center (proposed Project) includes all onsite and offsite improvements and involves the merging of ten parcels at the Project site to create one approximately 20-gross-acre parcel for the construction and operation of a 412,348-square-foot warehouse building including infrastructure, appurtenances, associated parking areas, and associated offsite supporting improvements. The building is proposed to accommodate high-cube warehouse distribution uses, anticipating that 50,000 square feet could be utilized for cold-refrigerated storage and 15,000 square feet for supporting office uses. The building would include some solar panels on the rooftop, 32 dock doors on the east side, and 29 dock doors on the west side. The proposed Project would be constructed as a speculative or "spec" building; that is, there is not a specific tenant identified at this time. It is anticipated that the building could operate 24 hours a day, seven days a week. The warehouse is not anticipated to include e-commerce.

As shown on **Figure 13, Building Elevations**, the design of the building is modern industrial and includes concrete tilt-up wall construction with board-formed cement veneer and standard window glazing. The building height would not exceed the City's maximum standard of 50 feet. Consistent with the Perris Municipal Code, Chapter 19.44 Industrial Zones, the proposed site plan includes outdoor employee amenities. Two outdoor patio areas are proposed: one patio area adjacent to the southwestern office and another patio area near the southeastern office area. Future tenants would be required to provide an indoor employee amenity area.

Project Site Access

The Project site's automobile entrance would be separate from the truck entrance. Automobile vehicles would access the Project site via two driveways along Ethanac Road. Trucks would access the site via two separate driveways along Trumble Road. Emergency access would also be available from Trumble Road. No access is proposed to be offered from Sherman Road.

Parking

The automobile parking area would be physically separated from the trucks' path of travel by the building and an 8-foot-high manually operated metal gate containing view obscuring mesh and a Knox-pad for emergency vehicle access. The Project would provide a total of 106 passenger vehicle parking stalls, consisting of 76 standard stalls, 5 American Disabilities Act-compliant (ADA) stalls, and 25 Electric Vehicle (EV)/EV Capable) stalls. Passenger vehicle parking would be provided in the south and southeast corner of the building near the office areas. The Project would also include 157 trailer parking stalls. Bike racks would also be provided at the Project site for employee use, per City standards.

Pedestrian Circulation

Pedestrian paths of travel would be provided between passenger vehicle parking areas and the office areas away from the trucks' path of travel. The Project would also provide curbs and sidewalks to facilitate pedestrian access even though the site is not adjacent to any existing or planned area-wide open space, trails, parks, or other community amenities. Sidewalks would be installed along Ethanac Road, Trumble Road, and Sherman Road along the Project site's frontage. Class II Bike lanes would be provided along Ethanac Road along the Project's frontage.

Screening and Landscaping

The Project is proposed to be consistent with City standards and provide 14-foot-high screen walls and perimeter landscaping along the Project site's frontage. **Figure 14, Screening Details, Figure 15, Elevation Details**, and **Figure 16, Line of Sight** provides the typical elevations of the proposed screen walls, gates, trash enclosures, and views. The proposed landscaping consists of drought-tolerant and climate appropriate trees, shrubs and ground cover that include native species and would meet or exceed standards set forth in the Perris General Plan as reflected on **Figure 17, Conceptual Landscape Plan**. The landscape plan is designed to provide visual appeal and screen the views of the passenger vehicle parking lots from public rights-of-way as reflected in **Figure 18, View of Project Site**.

All roof mounted materials would be set back and fully screened from public view behind a parapet. Trash enclosures would be approximately 8 feet in height and utilize concrete tilt-up panels consistent with the proposed buildings.

Eastern Project Boundary

The Project boundary along Sherman Road includes a proposed 6-foot-high wall that would be sited atop an 8-foot-high retained berm to screen both the view of the truck parking areas and loading bays. A 47.8-foot-wide landscape area would further buffer and screen the Project site from Sherman Road. An additional 4 feet of landscape and 6-foot-wide sidewalk would be provided within the ROW along Sherman Road. The perimeter landscaping would include screening trees. The Project would also include roadway improvements to the centerline of Sherman Road.

Western Project Boundary

The Project boundary along Trumble Road includes a proposed 6-foot-high wall that would be sited atop an 8-foot-high retained berm to screen both the view of the truck parking areas and loading bays. A 56.3-foot-wide landscape area would further buffer and screen the Project site from Trumble Road. An additional 5 feet of landscape and 6-foot-wide sidewalk would be provided within the ROW along Trumble Road. Perimeter landscaping would include screening trees. The Project would also include roadway improvements along Trumble Road.

Northern Project Boundary

Along the northeastern-most boundary of the Project site, adjacent to the existing properties, the Project would provide a retaining screen wall ranging from 0.5 feet to 3.5 feet in height. A retaining wall ranging from 3 feet to 8 feet in height would be provided along the northwestern parking areas. The Project would also include roadway improvements north of the Project site to Illinois Avenue and Illinois Avenue west to Interstate 215.

Southern Project Boundary

Improvements along Ethanac Road would include a 25-foot-wide parkway with 8-foot-wide sidewalk. Perimeter landscaping would include screening trees. The Project would provide a 14-foot-high retaining wall along the southwestern parking area adjacent to the existing property located at the southwest corner of Ethanac and Trumble Roads. A landscape buffer would also be provided between the proposed building and the existing property's eastern boundary. The Project would also include roadway improvements just south of the centerline of Ethanac Road.

Lighting

Project lighting will include security lights along the buildings and wall and pole-mounted lights in the parking areas as reflected in **Figure 19, Proposed Lighting**. All Project-related lighting shall be required to conform to the Perris Municipal Code.

4.3 Infrastructure Improvements

Existing and proposed infrastructure is reflected in **Figure 20, Existing and Proposed Utilities**.

4.3.1 Water

Domestic water services in the Project vicinity are provided by the Eastern Municipal Water District (EMWD). There are existing water lines near the Project site: 12-inch diameter waterline in Trumble Road; 20-inch diameter waterline and 18-inch brackish waterline in Ethanac Road; 8-inch diameter waterline, 18-inch brackish waterline, brackish water blowoff valve, and fire hydrant in Sherman Road; as well as a 12-inch waterline in Sherman south of Ethanac Road. There is also an existing 8-inch water line in Illinois Avenue. The Project would connect to the 12-inch waterline in Trumble Road. The Project would also provide a diesel-powered fire flow pump that would be used for fire flow demands. The fire flow pump would only be used during fire emergencies and routine testing and would not be part of the Project's normal daily operations. No offsite water line improvements are proposed.

4.3.2 Recycled Water

Recycled water services in the Project vicinity are also provided by the EMWD. There are no existing recycled water lines adjacent to the Project site. The closest recycled water lines are within Case Road, west of I-215 and within McLaughlin Road, south of the Project site over half a mile away. The sizing of those recycled water lines do not account for irrigation demands from this proposed Project and the EMWD will not require extension of those lines. There are nearby projects in development that may result in construction of recycled water facilities closer to the Project site. The Project would include recycled water irrigation facilities that would connect to future recycled water facilities. In the meantime, irrigation lines within the Project site would connect to the existing 12-inch waterline in Trumble Road.

4.3.3 Sewer

Sewer (wastewater) collection and treatment services in the Project vicinity are also provided by the EMWD. There is an existing 15-inch sewer line in Ethanac Road, an existing 10-inch sewer line in Trumble Road, and an existing 8-inch sewer line in Sherman Road (south of Ethanac Road). The Project would connect to the existing 15-inch sewer line in Ethanac Road. No offsite sewer line improvements are proposed.

4.3.4 Storm Drain

The Project site is located within the Romoland Master Drainage Plan watershed area. There are no existing storm drain facilities adjacent to the Project site but the Project site is naturally tributary to the Romoland Master Drainage Plan (MDP) Line A-11 facility.

Onsite runoff would be conveyed throughout the site via proposed curb and gutters and captured by a network of drainage inlets that convey captured flows towards underground storage chambers before being pumped to a proposed biotreatment device for water quality treatment. Treated stormwater would then gravity flow to a proposed storm drain line in Trumble Road, that connects to City of Perris Line A (City Line A) in Illinois Avenue. City Line A connects to MDP Line A-11 which ultimately connects to MDP Line A.

Offsite flows tributary to the Project site, from east of Sherman Road, would be collected via proposed catch basins in Sherman Road and conveyed via storm drain to an underground storage chamber system on the west side of the Project site. Flows would then be pumped out of the storage system and confluence with the onsite flows in the proposed storm drain line in Trumble Road and continue from there, as described above.

The Project applicant would construct offsite drainage facilities traveling north of the Project site in Trumble Road to Illinois Avenue to connect to the existing Line A-11 (an existing 36-inch to 48-inch reinforced concrete pipe).

Hence, the Project applicant would construct onsite drainage improvements as well as offsite drainage improvements in Trumble Road north of the Project site to Illinois Avenue and along Illinois Avenue from Trumble Avenue to I-215 in order to connect to MDP Line A-11 and ultimately MDP Line A. The Project would be generally consistent with the Romoland MDP since flows will ultimately drain to MDP facility Line A. It is anticipated that construction of any off-site drainage facilities would occur within roadway ROW.

4.3.5 Utilities

Future development of the proposed Project site would require utility services provided by the purveyors identified in **Table B, Utility Purveyors**.

Table B, Utility Purveyors

Services Provided	Purveyor
Water/Recycled Water	EMWD
Sewer	EMWD
Telephone	Verizon/Frontier
Electricity	Southern California Edison
Natural gas	Southern California Gas Company
Solid Waste Disposal	CR&R Disposal
Cable Television/Internet	Frontier Communications

There are existing utilities in the surrounding and offsite roadways as follows:

- Ethanac Road – There are two existing power poles located along Ethanac Road that would be undergrounded as part of roadway improvements. Ethanac Road includes existing 2-inch and 6-

inch gas lines. There are also existing overhead utility and power poles along the south side of the roadway but these would remain in place since this is not along the Project frontage,

- Sherman Road – There is an existing telephone and 2-inch gas line in Sherman Road as well as an existing overhead utility along the eastern side of the roadway.
- Trumble Road – Trumble Road includes an existing 2-inch gas line, telephone, and electricity.
- Illinois Avenue – There is an existing 2-inch gas line in Illinois Avenue.

4.4 Offsite Improvements

Offsite improvements are associated with storm drain facilities and roadway improvements as reflected in **Figure 2**, above. Drainage improvements would require an extension of City Line A, located along the west side of Trumble Road. Drainage improvements would extend from the Project site north in Trumble Road to Illinois Avenue and then west to I-215 in order to connect to existing MDP Line A-11 and ultimately MDP Line A, as discussed in Section 4.3.4 above. Construction of this line and repaving of Trumble Road would require an encroachment permit from the City of Menifee since improvements may extend slightly beyond the centerline and for construction traffic control. The Project may also be required to improve the intersection of Ethanac and Trumble Roads along frontage of the not-a-part parcel identified on the Development Plan. These improvements would also require an encroachment permit from the City of Perris for construction traffic control and potential encroachment over the roadway centerline.

4.5 Construction and Site Preparation

Project site construction would involve grading and earthwork within the site boundaries to accommodate the proposed warehouse structure, infrastructure, appurtenances, and associated parking areas as reflected in **Figure 21, Proposed Grading Plan**. The proposed warehouse building includes concrete tilt-up wall construction. Nighttime pouring of concrete is anticipated during summer months. The Project site grading would provide 15,600 cubic yards (CY) of cut and 66,100 CY of fill; hence would require 50,500 CY of soil import. Construction of offsite infrastructure such as storm drain facilities are also anticipated.

Prior to grading operations, a Stormwater Pollution Prevention Plan (SWPPP) would be prepared in accordance with the requirements of the statewide general National Pollutant Discharge Elimination System (NPDES) Permit and Waste Discharge Requirements for stormwater discharge from construction sites. The SWPPP will include Project-specific best management practices (BMPs) to reduce erosion and sedimentation and is subject to review and comment by the City Public Works Department. BMPs may include, but not be limited to, soil stabilization controls, perimeter silt fences, placement of hay bales, and use of sediment basins. All erosion and sediment controls will be in accordance with the currently adopted state general permit. The developer and construction contractor would be responsible for implementing the BMPs in accordance with the SWPPP.

Project construction would not be phased and is anticipated to begin in Fall 2024. Construction is anticipated to be completed in 2025. This construction schedule represents a “worst-case” analysis. The duration of construction activity (and associated equipment) represents a reasonable approximation of the expected construction activities as required per the State CEQA Guidelines.

4.6 Airport Land Use Consistency Determination

The Project site is located within Zone D of the March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan (MARB/IPA ALUCP). As such, the Project has been reviewed by the Riverside County

Airport Land Use Commission (ALUC) to ensure compatibility with the MARB/IPA ALUCP. The ALUC determined via a public hearing June 8, 2023, that the Project is consistent with the MARB/IPA ALUCP. Due to a site plan change which placed the basin underground to provide more truck trailer parking subsequent to the June 2023 hearing, the site plan was reviewed again by ALUC staff pursuant to Policy 1.5.2(d) of the Countywide Policies of the 2004 Riverside County Airport Land Use Compatibility Plan and was determined by the ALUC Director to be consistent on August 22, 2023.

4.7 Sustainability Features

The Project would meet or exceed all applicable standards under California's Green Building Code (CalGreen) and the Building Energy Efficiency Standards contained in Title 24. The Project shall implement concepts of efficient design and material use that are consistent with LEED Certification Levels. This would be accomplished by incorporating, at a minimum, the following sustainability features or other features that are equally efficient:

Energy Efficiency

- Design building shells and components, such as windows, roof systems and electrical systems to meet California Title 24 Standards for nonresidential buildings.
- Design buildings to achieve U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) features for potential certification. This includes design considerations related to the building envelope, heating, ventilation, and air conditioning (HVAC), lighting, and power systems. Additionally, architectural expressions, such as roofs and windows in the buildings will relate to conserving energy.
- Install energy efficient light-emitting diodes (LED) lighting on the site. Provide skylights for natural daylight to reduce the lighting load, therefore saving energy. Lighting will incorporate motion sensors that turn them off when not in use.
- Meet City minimum landscape requirements and provide adequate landscape shade for the site to reduce energy use.
- Install light-colored roofing materials over office area spaces and light-colored paving materials.
- For future office space, install energy efficient HVAC systems (seasonal energy efficiency ratio (SEER) 13), appliances and equipment, and control systems that are Energy Star® rated.
- For future office improvement, refrigerants and HVAC equipment will be selected to minimize or eliminate the emission of compounds that contribute to ozone depletion and global climate change. Ventilation and HVAC systems will be designed to meet or exceed the minimum outdoor air ventilation rates described in the American Society of Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE) standards and/or per California Title 24 requirements.
- Incorporate Energy Star ® rated space heating and cooling equipment, light fixtures, appliances, or other applicable electrical equipment.

Water Conservation and Efficiency

- Surface parking lots will be landscaped in accordance with City standards to reduce heat island effect.
- Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls and sensors for landscaping according to the California Department of Water

Resources Model Efficient Landscape Ordinance and Chapter 19.70 (Landscaping) of the Perris Municipal Code.

- Design buildings to be water-efficient. Install water-efficient fixtures in accordance with Section 5.303 of the California Green Building Standards Code Part 11.
- Restrict watering methods (e.g., prohibit systems that apply water to non-vegetated surfaces) and control runoff in accordance with City Standards.
- Provide education about water conservation and available programs and incentives to the building operators to distribute to employees.

Solid Waste Measures

- Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1 of the California Green Building Standards Code Part 11.
- Provide storage areas for recyclables and green waste and adequate recycling containers located in readily accessible areas in accordance with Section 5.410.1 of the California Green Building Standards Code Part 11.
- The property operator will provide readily available information provided by the City for employee education about reducing waste and available recycling services.

Transportation and Motor Vehicles

- Limit idling time for commercial vehicles to no more than five minutes per Title 13 of the California Code of Regulations, Section 2485.
- Provide electric vehicle (EV) infrastructure and facilitate EV charging in accordance with Section 5.106.5.3, Electric Vehicle Charging Requirements, of the California Green Building Standards Code Part 11. Accordingly, the Project will provide 25 EV-capable parking spaces and at least 6 of these spaces will be equipped with EV charging stations at Project opening.
- Signage shall be posted onsite directing truck drivers to use existing City truck routes on Ethanac Road.
- Provide Class II bike lanes on Ethanac Road, within the Project's frontage, per the City's Active Transportation Plan.
- Provide adequate bicycle parking near building entrances to promote cyclist safety, security, and convenience in compliance with Section 5.106.4 of the California Green Building Standards Code Part 11 and standard City code requirements.

Onsite Equipment and Loading Docks

- The Project owner will inform building operators of existing requirements to turn off equipment, including heavy-duty equipment, motor vehicles, and portable equipment, when not in use for more than 5 minutes. Truck idling shall not exceed 5 minutes in time. All facilities will post signs (both interior and exterior facing signs, including signs directed at all dock and delivery areas) requiring that trucks shall not be left idling for more than 5 minutes pursuant to Title 13 of the California Code of Regulations, Section 2485, which limits idle times to not more than five minutes and to report violations to the California Air Resources Board, the South Coast Air Quality Management District, and the building manager.

- Service equipment (i.e., yard trucks and forklifts) used within the site shall be electric or powered by other alternative fuels.

Construction

- Require Construction Equipment to Turn Off When Not in Use per Title 13 of the California Code of Regulations, Section 2449.
- Use regionally produced and/or manufactured building materials, where feasible, for Project construction.

Use "green" building materials where feasible, such as those materials that are resource efficient and recycled and manufactured in an environmentally friendly way.

4.8 Discretionary Actions and Approvals

The following approvals and permits are required from the City of Perris to implement the proposed Project:

- **Certification of an EIR** with the determination that the EIR has been prepared in compliance with the requirements of CEQA;
- **General Plan Amendmen**t (GPA), Case No. PLN22-05326, to amend the City of Perris General Plan and redesignate the approximately 20-acre site from Community Commercial to Light Industrial (LI).
- **Change of Zone** (CZ), Case No. PLN22-05327, to rezone the approximately 20-acre site from Commercial Community Commercial to Light Industrial (LI).
- **Tentative Parcel Map** (TPM) No. 38600, Case No. PLN22-05328, to consolidate the existing ten (10) parcels at the Project site into one parcel and to dedicate portions of Tumble Road, Sherman Road, and Ethanac Road ROW; and
- **Development Plan Review** (DPR): PLN22-00030, to develop an approximately 20-gross-acre site with a 412,348-square-foot building consisting of a high-cube speculative warehouse for distribution uses. It is anticipated that 50,000 square feet of the building could be utilized for cold-refrigerated storage and 15,000 square feet would be utilized for supporting office uses. In addition to the approximately 20-gross-acre site, approximately 12 additional gross acres of offsite improvements are included.

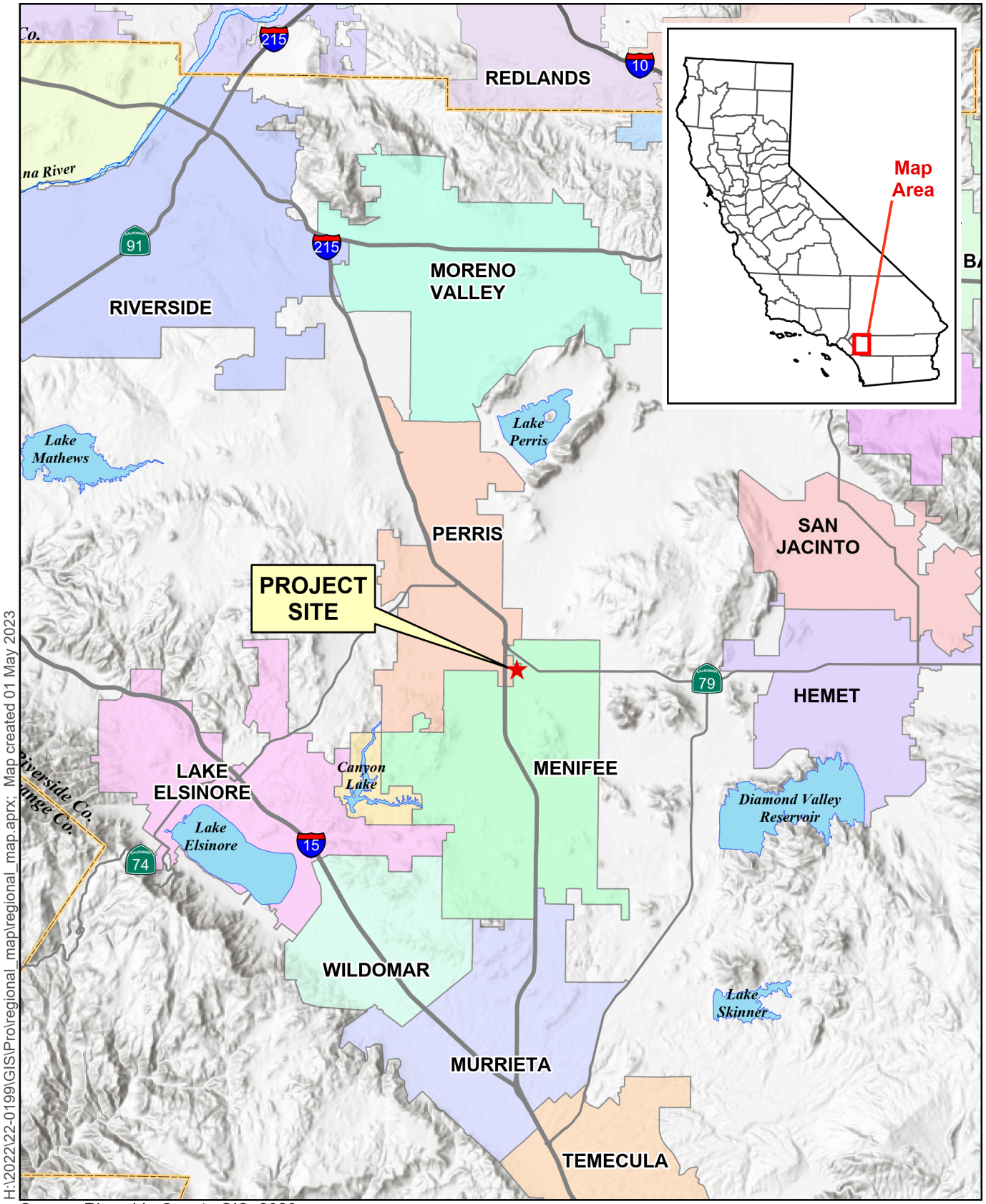
Other non-discretionary actions anticipated to be taken by the City at the staff level as part of the proposed Project include:

- Review and approval of all infrastructure plans, including street and utility improvements pursuant to the conditions of approval;
- Review all onsite and offsite plans, including grading and onsite and offsite utilities; and
- Approval of a preliminary Water Quality Management Plan (WQMP) to mitigate post-construction runoff flows.

Approvals and permits that may be required by other agencies include:

- Riverside County Airport Land Use Commission – Consistency Determination with March Air Reserve Base Comprehensive Land Use Plan;

- Santa Ana Regional Water Quality Control Board (RWQCB) – A National Pollutant Discharge Elimination System (NPDES) permit to ensure that construction site drainage velocities are equal to or less than the pre-construction conditions and downstream water quality is not worsened;
- South Coast Air Quality Management District – Approval of permits to install and operate a diesel-powered fire water pump backup generator and compliance with the Indirect Source Rule (Rule 2305) for warehouse owners and operators;
- Eastern Municipal Water District (EMWD) – Approval of water and sewer improvement plans;
- Permits or associated approval by other utility agencies, as necessary, for installation of new utility infrastructure or connections to existing facilities;
- Riverside County Flood Control and Water Conservation District (RCFCWCD) – Encroachment permits and approval of construction of the Romoland MDP storm drain line; and
- City of Menifee – Encroachment permits and approval of construction related to roadway improvements along Sherman Road and Ethanac Road, as well as connection to the Romoland MDP storm drain line for a portion of Trumble Road north of the Project site to Illinois Avenue.



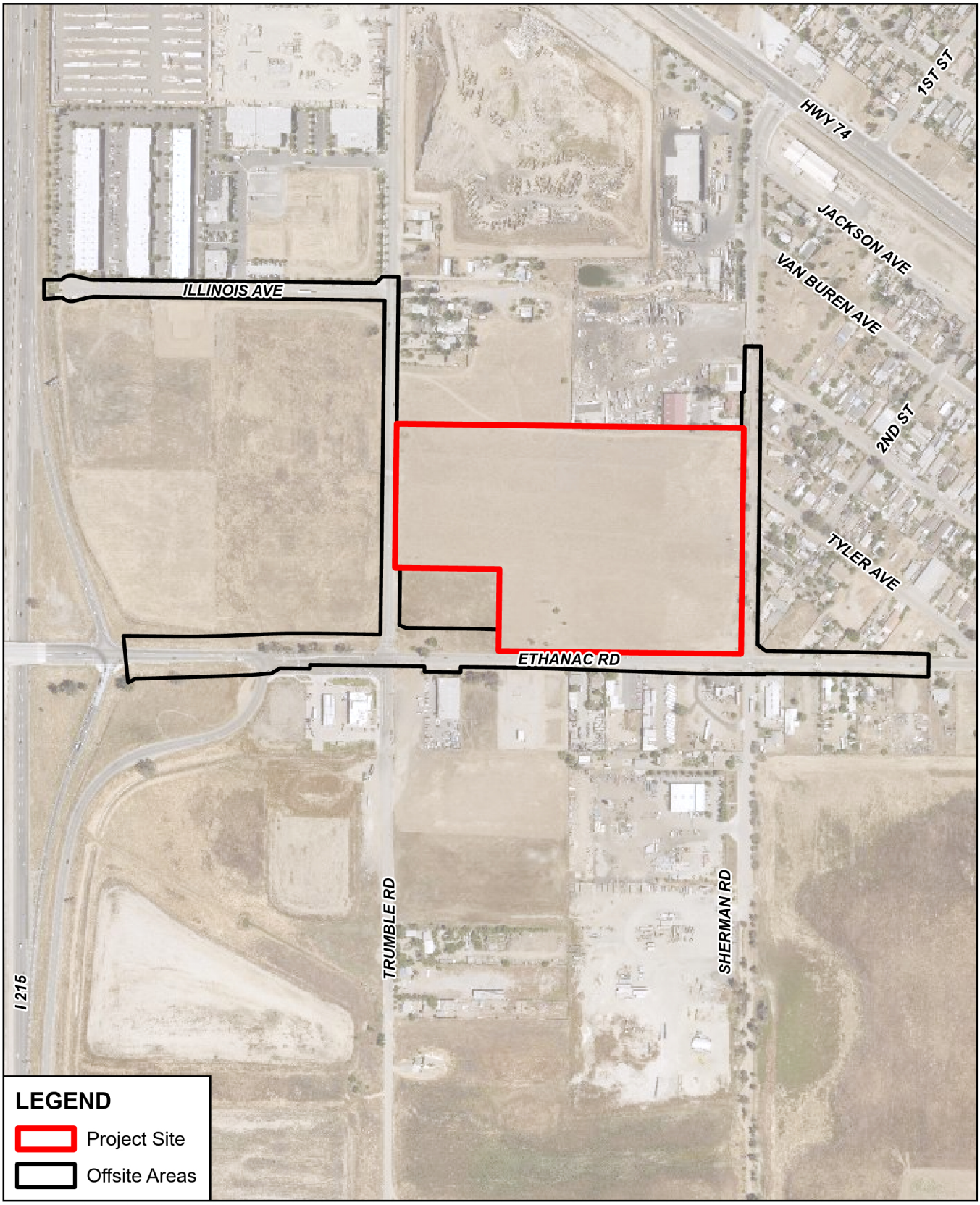
Source: Riverside County GIS, 2020

0 2 4 6 Miles

Figure 1 - Regional Map

Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



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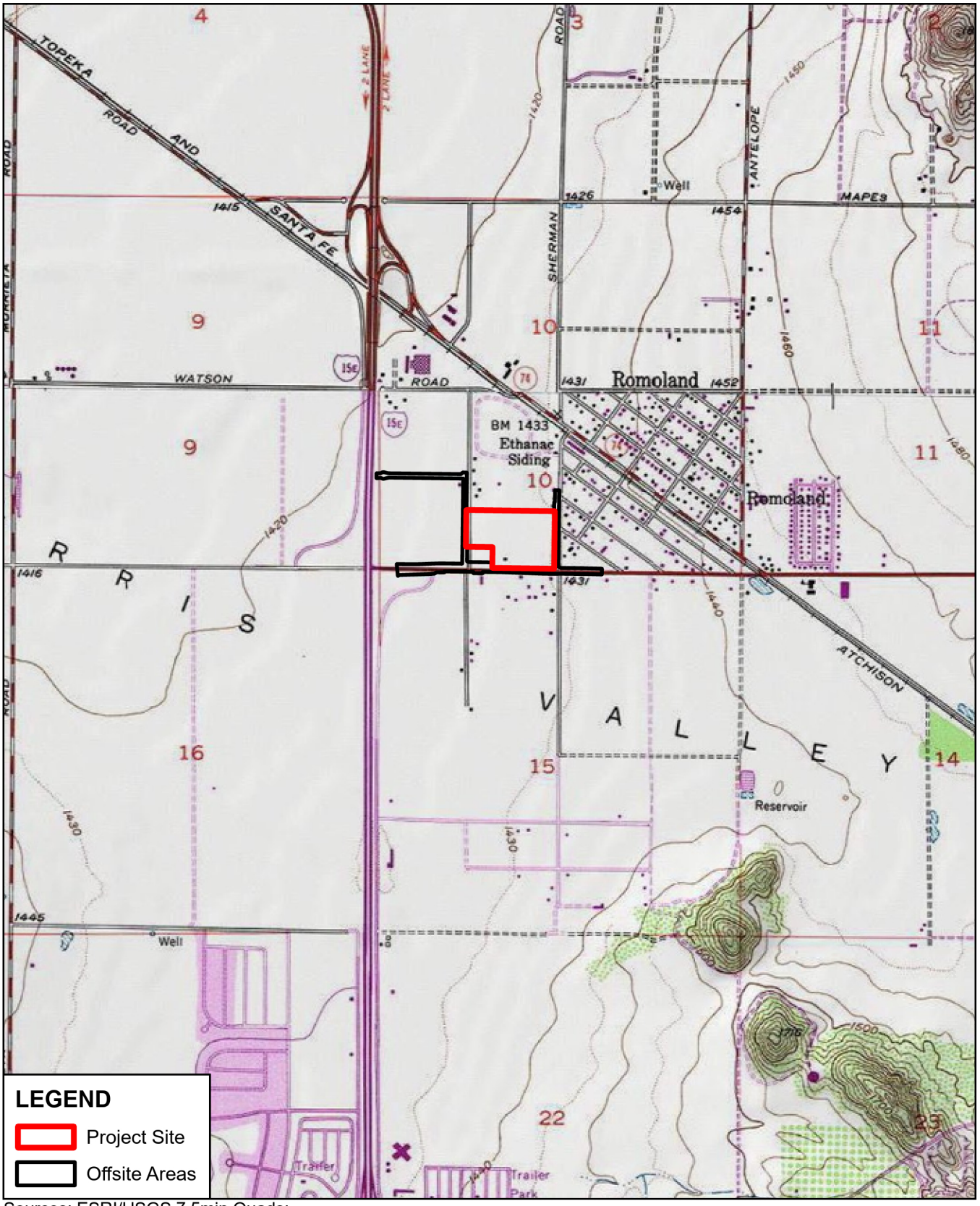
Sources: Riverside Co. 2020.

0 250 500 750 Feet

Figure 2 - Aerial Site Boundary

Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



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Sources: ESRI/USGS 7.5min Quads: ROMOLAND

0 1,000 2,000 3,000 Feet

Figure 3 - USGS Topographic Map

Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES

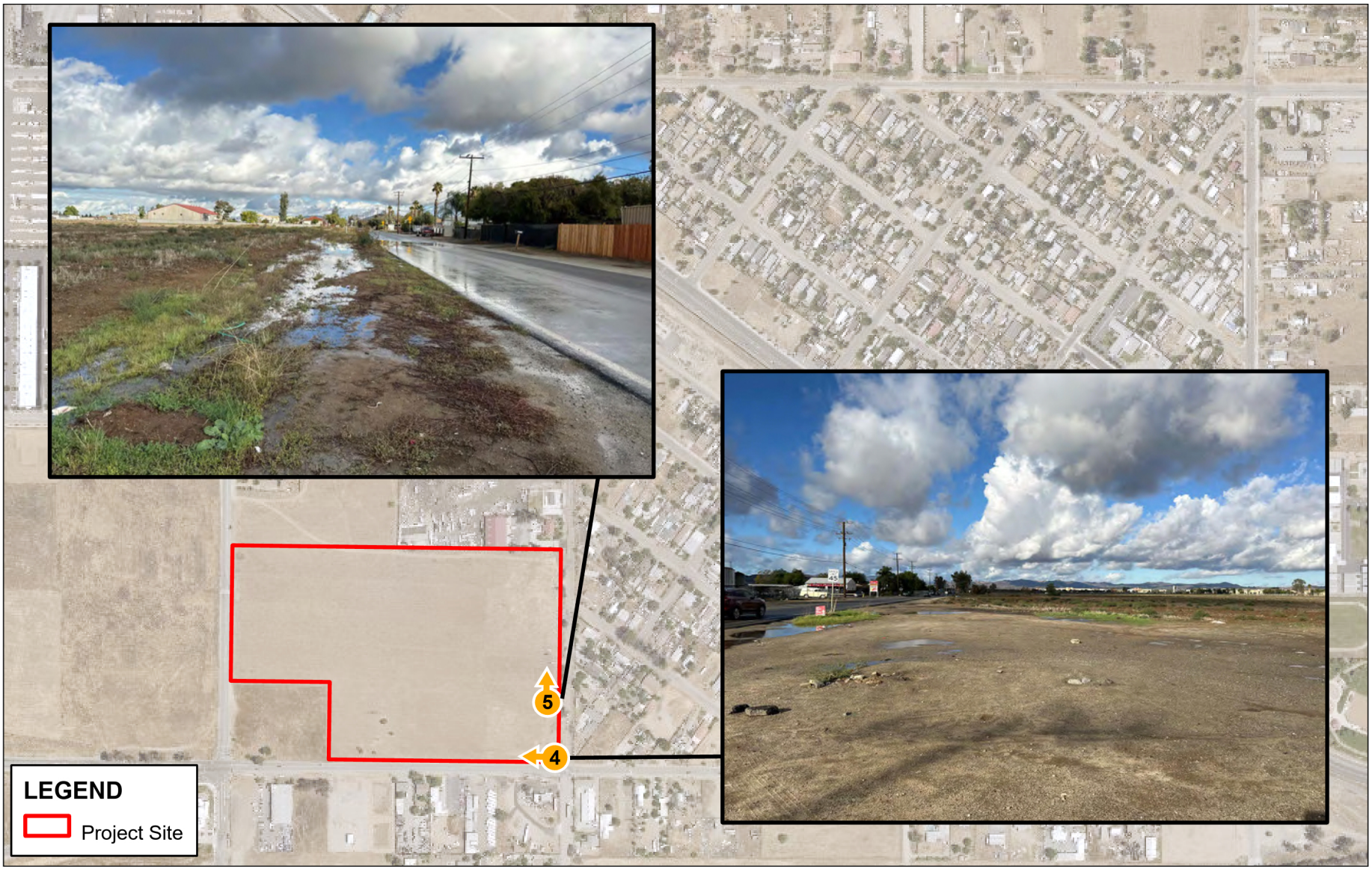


Source: Riverside Co. 2020; ECorp (site images), 2021.

Figure 4 - Project Site Photographs 1-3

Ethanac Logistics Center

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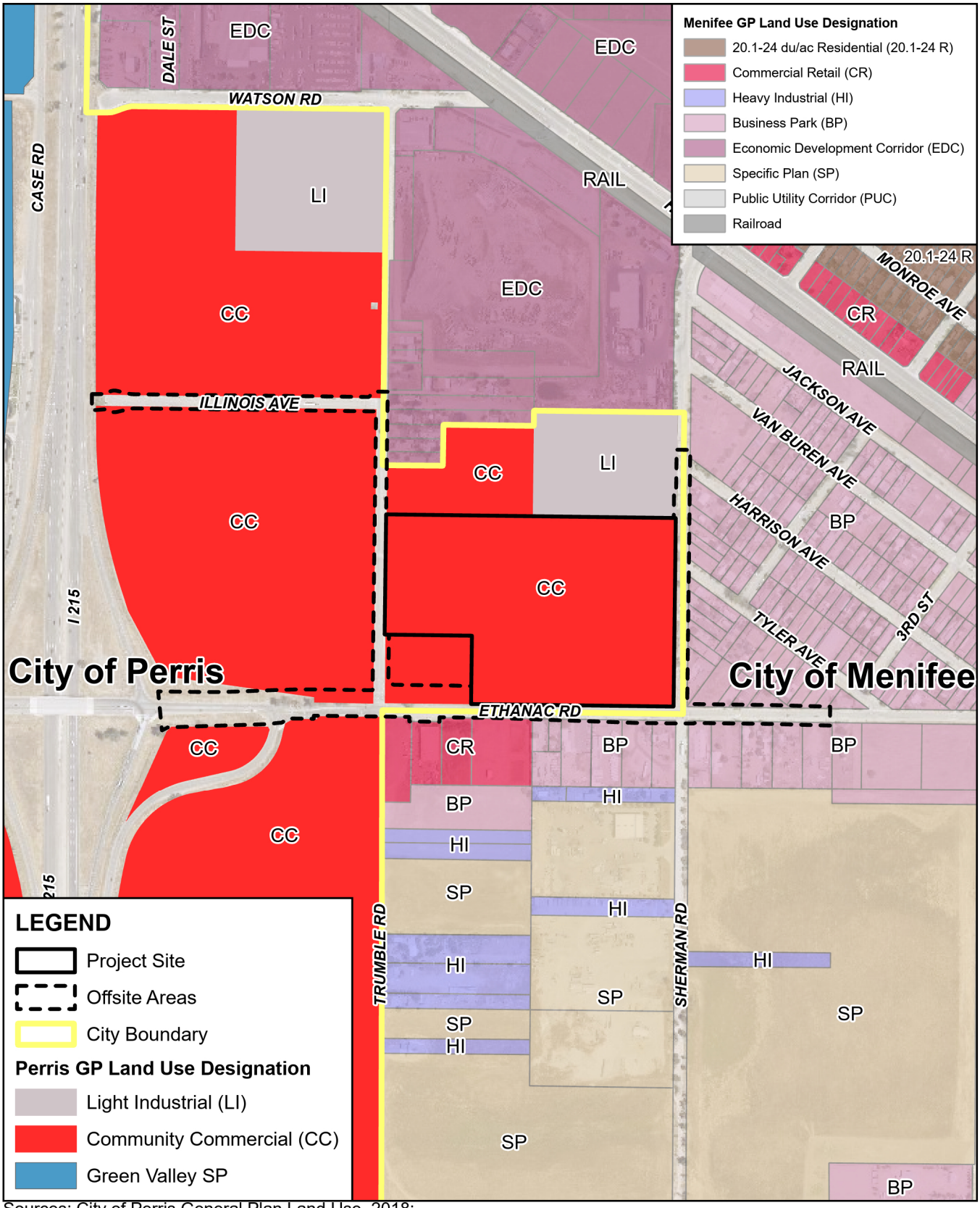
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Source: Riverside Co. 2020; ECorp (site images), 2021.

Figure 5 - Project Site Photographs 4-5

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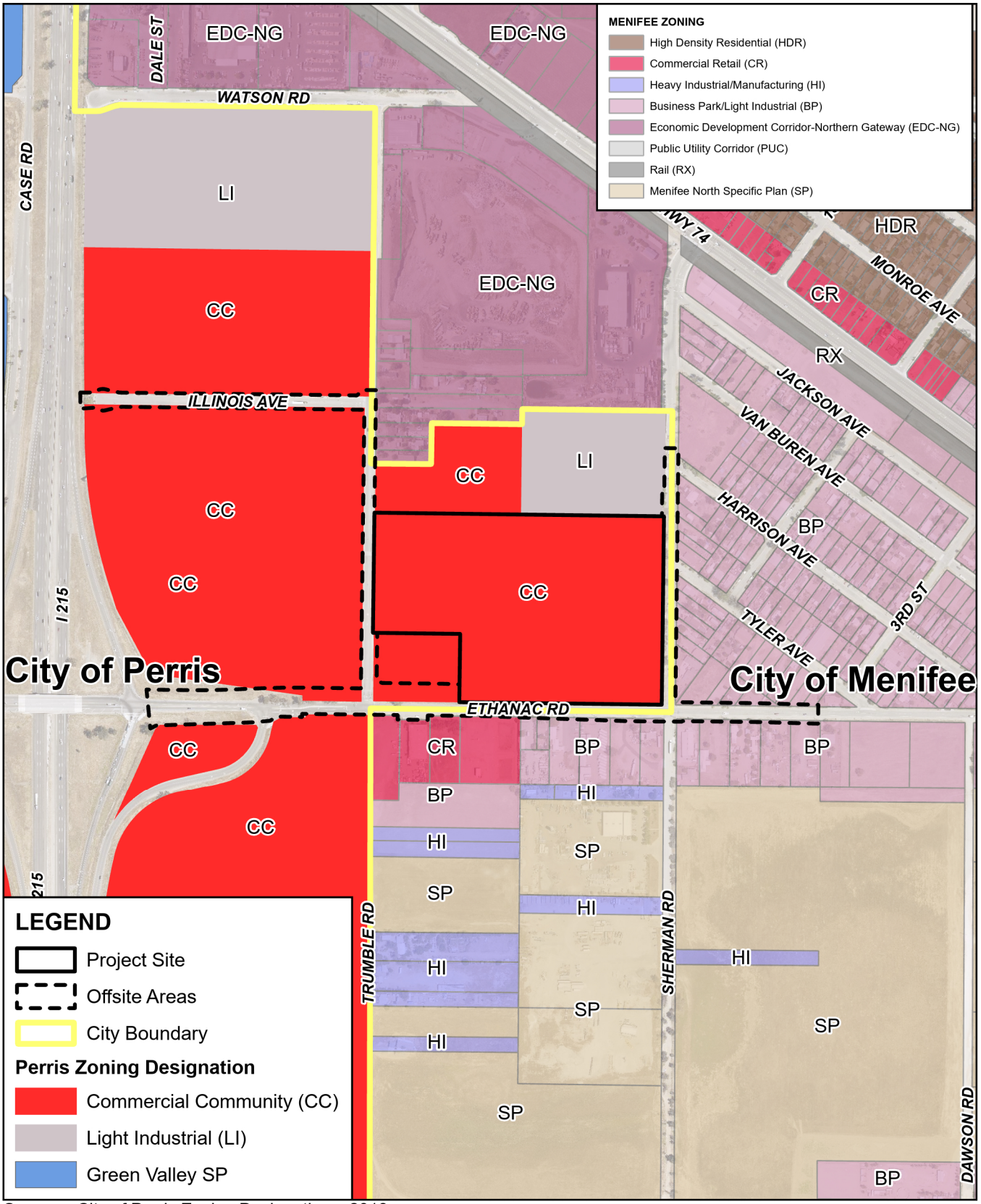
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Sources: City of Perris General Plan Land Use, 2018;
City of Menifee GPLU, Dec. 2021;
Riverside County, 2020.

Figure 6 - Existing General Plan Land Use Designation

Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



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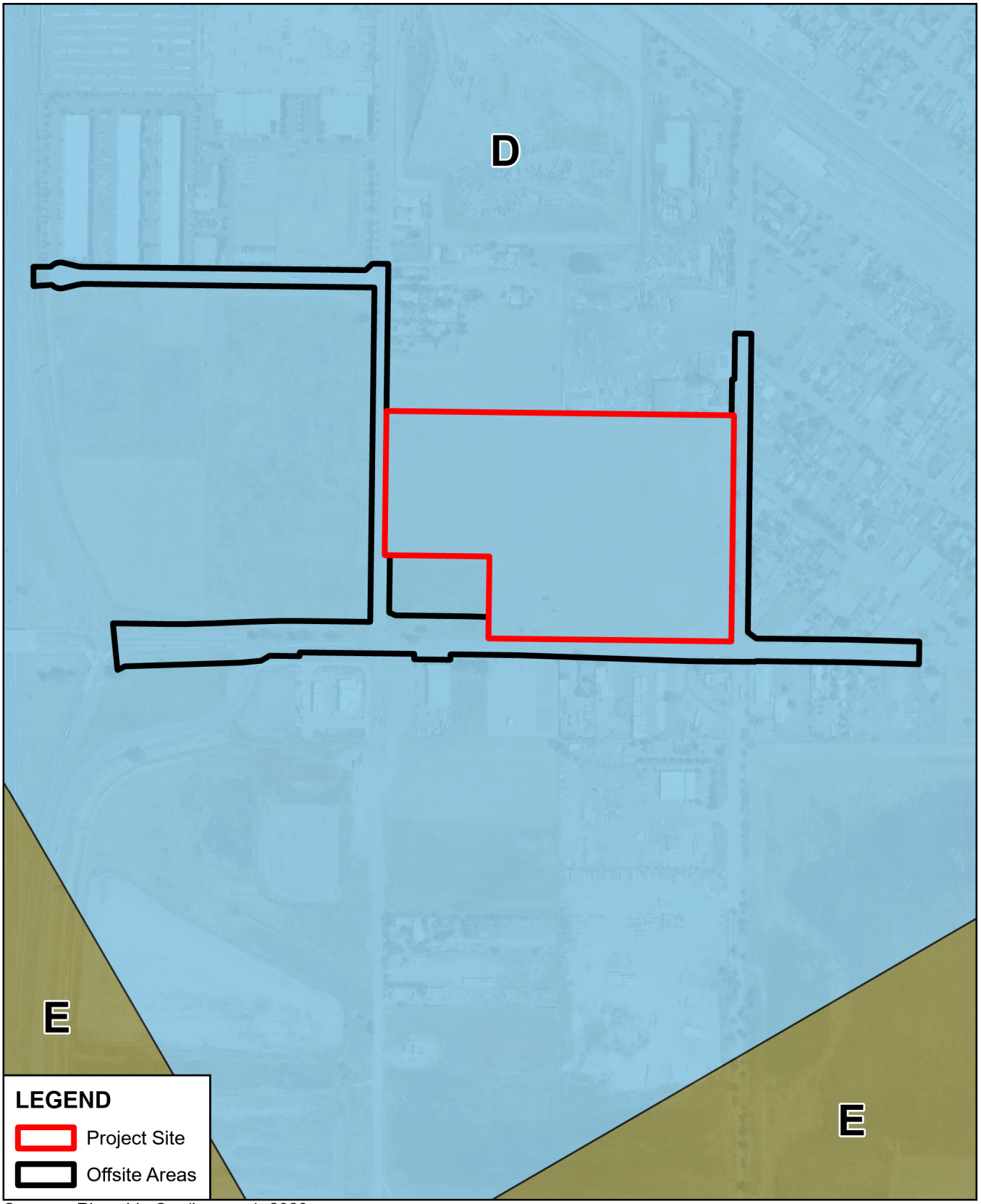
Sources: City of Perris Zoning Designations, 2018;
City of Menifee Zoning Map, Feb. 2022;
Riverside County, 2020.

0 250 500 750 Feet

Figure 7 - Existing Zoning Designation

Ethanac Logistics Center

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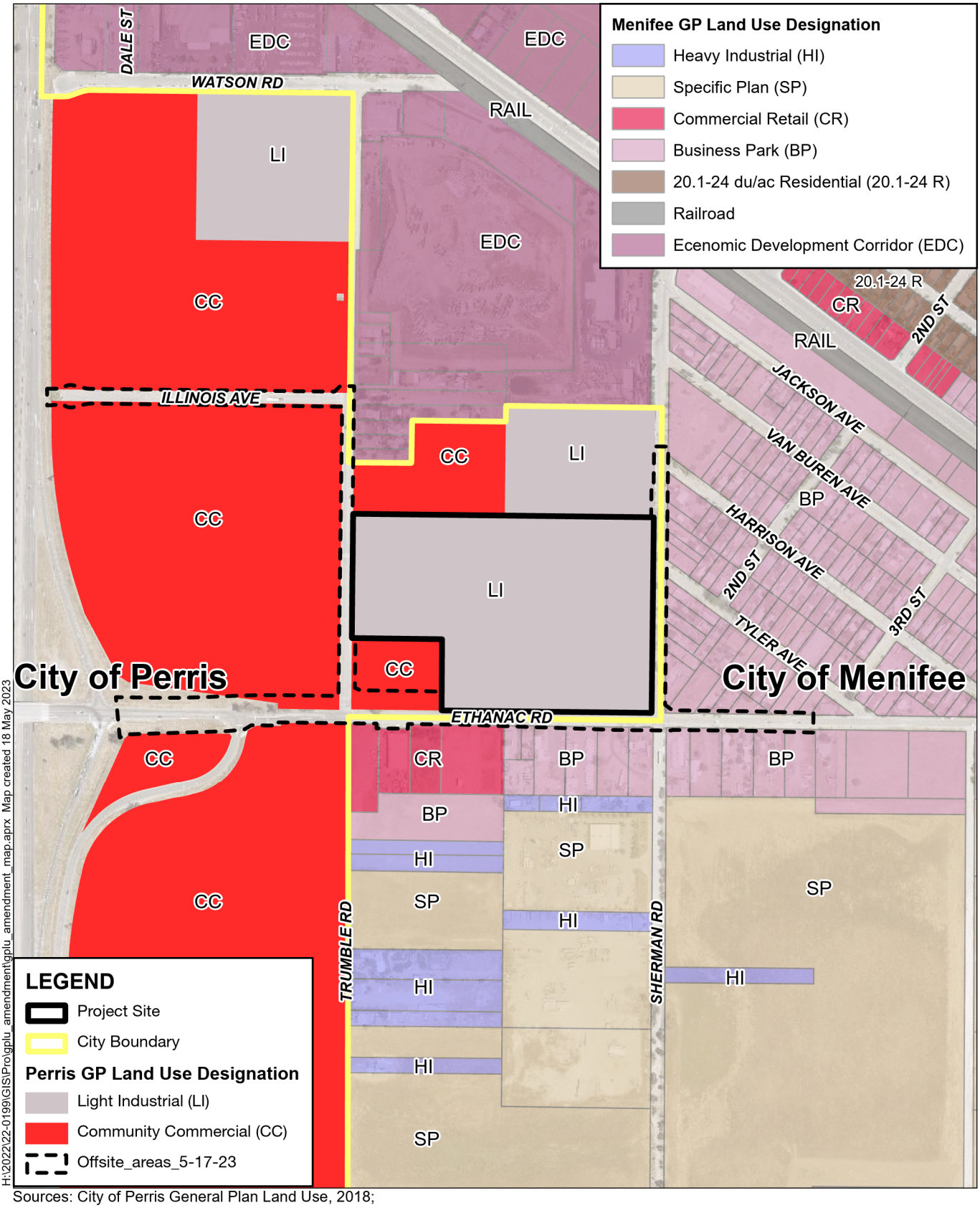
Sources: Riverside Co. (imagery), 2020;
March Air Reserve Base Compatibility Zones, 2022.

0 250 500 750 Feet

Figure 8 - March Air Reserve Base Airport Land Use Compatibility Zones

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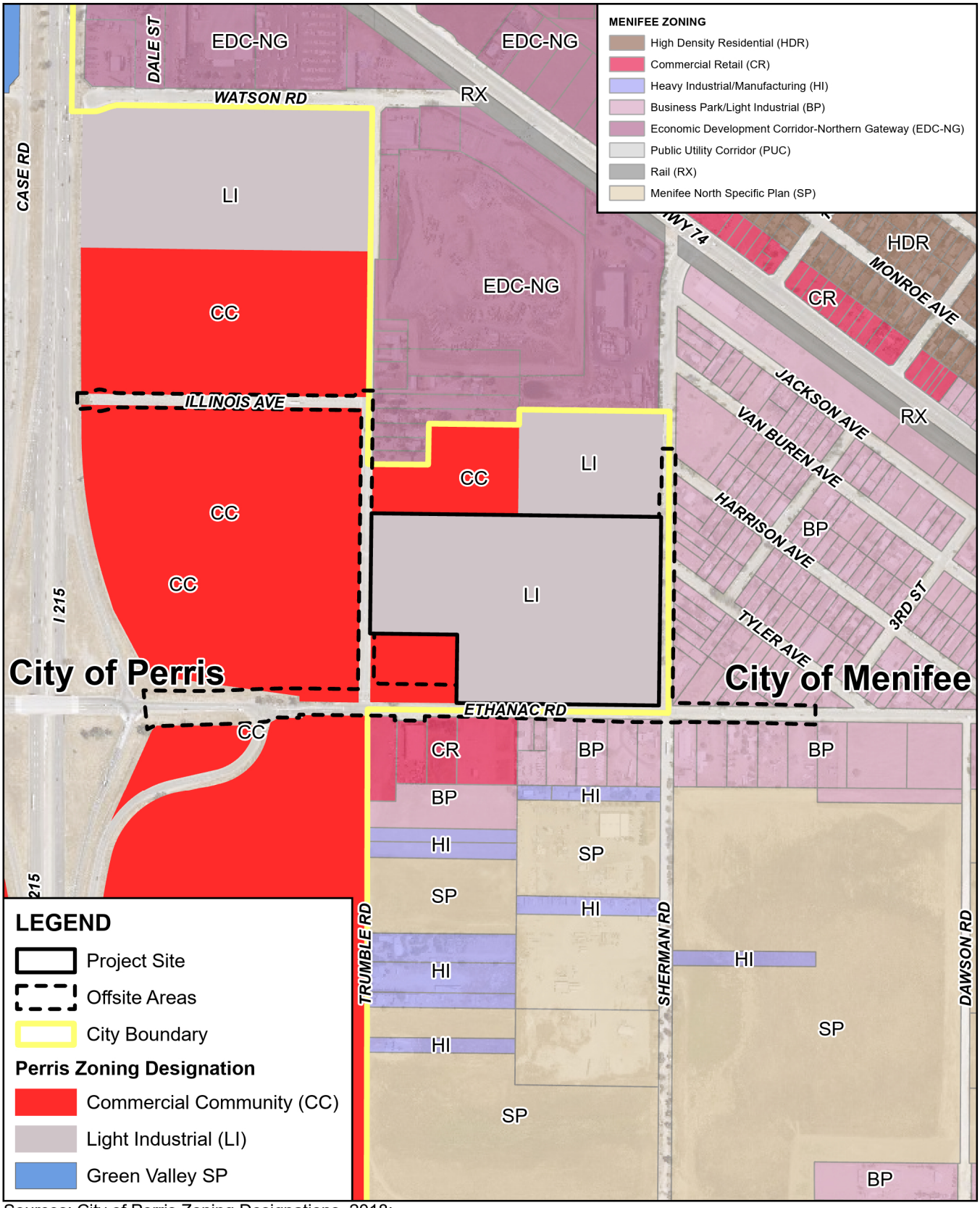
Sources: City of Perris General Plan Land Use, 2018;
City of Menifee GPLU, Dec. 2021;
Riverside County, 2020.

0 250 500 750 Feet

Figure 9 - Proposed General Plan Amendment

Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



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Sources: City of Perris Zoning Designations, 2018;
City of Menifee Zoning Map, Feb. 2022;
Riverside County, 2020.

Figure 10 - Proposed Change of Zone

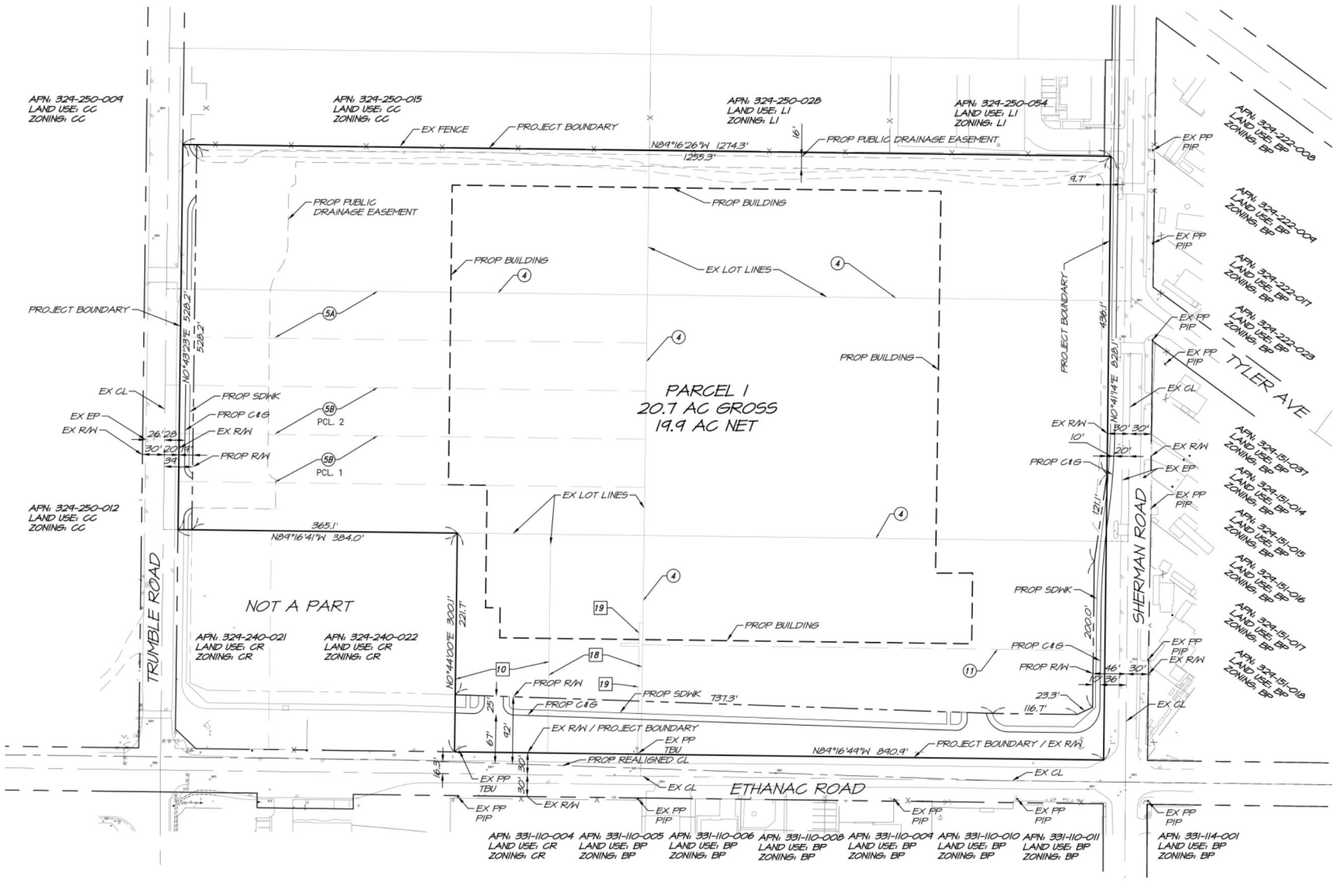
Ethanac Logistics Center

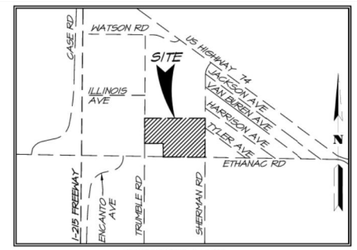
ALBERT A. WEBB ASSOCIATES

IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

TENTATIVE PARCEL MAP NO. 38600

LOCATED IN SECTION 11, T. 4S., R. 4W., S.B.M.





VICINITY MAP
NTS

OWNER/APPLICANT

HILLWOOD
901 VIA PIEMONTE STE. 175
ONTARIO CA, 91764
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EMAIL: JOHN.GRACE@HILLWOOD.COM
PHONE: (909) 256-5424

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PHONE: (951) 686-1070
FAX: (951) 788-1256

SOILS ENGINEER

SOUTHERN CALIFORNIA GEOTECHNICAL
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YORBA LINDA, CA 92887
CONTACT: ROBERT TRAJO
PHONE: (714) 685-1115
FAX: (714) 685-1118

ENGINEER

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RIVERSIDE, CA 92506
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PHONE: (951) 686-1070
FAX: (951) 788-1256

TOPOGRAPHY SOURCE

TOPOGRAPHY FLOWN BY INLAND AERIAL SURVEYS, INC. ON 02/15/2022

ARCHITECT

HPA ARCHITECTURE
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IRVINE, CA 92612
CONTACT: IRION KIM
PHONE: (949) 863-1770
EMAIL: JAIME@HPARCHS.COM

A.P.N.

324-240-016 THRU -020, -023, THRU -027

LAND USE

EXISTING LAND USE: VACANT
EXISTING GENERAL PLAN LAND USE: COMMERCIAL COMMUNITY (CC)
EXISTING ZONING: LIGHT INDUSTRIAL (LI)

PROPOSED GENERAL PLAN LAND USE: COMMERCIAL COMMUNITY (CC)
PROPOSED ZONING: LIGHT INDUSTRIAL (LI)

ACREAGE

GROSS	21.6 AC
NET	19.9 AC
R/W	1.7 AC

PROJECT DATA

BUILDING AREA	
OFFICE - FIRST FLOOR	10,000 SF
OFFICE - SECOND FLOOR	5,000 SF
WAREHOUSE	397,348 SF
TOTAL BUILDING FOOTPRINT	407,348 SF
TOTAL FLOOR AREA	412,348 SF
AUTO PARKING REQUIRED	
OFFICE:	
(1 STALL/300 SF IF LESS THAN 10% GFA)	N/A
WAREHOUSE:	
MGC SF @ (80 STALLS + 1 STALL/5,000 SF)	105 STALLS
TOTAL	105 STALLS
AUTO PARKING PROVIDED	
STANDARD (9' x 19')	83 STALLS
ADA STANDARD (9' x 19')	3 STALLS
ADA VAN ACCESSIBLE (12' x 19')	2 STALLS
EV STANDARD (9' x 19')	11 STALLS
EV ADA STANDARD (9' x 19')	1 STALLS
EV ADA VAN ACCESSIBLE (12' x 19')	1 STALLS
CLEAN AIR/VANPOOL/EV (9' x 19')	5 STALLS
TOTAL	106 STALLS
TRAILER PARKING REQUIRED	
1/ 5,000 SF	82 STALLS
TRAILER PARKING PROVIDED	
TYPICAL TRAILER (10' x 55')	112 STALLS

LEGEND

- EXISTING CENTER LINE
- EXISTING EASEMENT
- EXISTING EDGE OF PAVEMENT
- EXISTING FENCE
- EXISTING LOT LINE
- PROJECT BOUNDARY
- PROP/EX RIGHT OF WAY
- PROPOSED BUILDING OUTLINE
- PROPOSED CENTER LINE
- PROPOSED CURB

ABBREVIATIONS

CL	CENTER LINE
C&G	CURB AND GUTTER
EP	EDGE OF PAVEMENT
EX	EXISTING
PP	POWER POLE
PROP	PROPOSED
PIP	PROTECT IN PLACE
R/W	RIGHT-OF-WAY
S/W	SIDEWALK
TBR	TO BE REMOVED
TBU	TO BE UNDERGROUNDED

GENERAL INFORMATION

1. ALL PARCELS WITHIN PROJECT BOUNDARY TO BE COMBINED VIA PARCEL MAP
2. THOMAS BROS. MAP BOOK PAGE: 838, GRID: C1 AND D1
3. PROJECT IS NOT WITHIN A SPECIFIC PLAN.
4. PROJECT LIES WITHIN THE CITY OF PERRIS REDEVELOPMENT PROJECT AREA.
5. PROJECT LIES WITHIN CFD NO. 1.
6. EASEMENTS OF RECORD ARE PLOTTED HEREIN.
7. PROJECT IS WITHIN EASTERN MUNICIPAL WATER DISTRICT.
8. THERE ARE NO EXISTING WELLS ON THE PROPERTY.
9. ALL SLOPES ARE 2:1 RATIO, UNLESS OTHERWISE NOTED.
10. LAND IS NOT WITHIN A SPECIAL STUDIES ZONE.
11. LAND HAS LOW POTENTIAL FOR LIQUEFACTION PER SOCAL GEO REPORT DATED 02/23/2022.
12. STRUCTURES AND/OR DWELLINGS DO NOT EXIST ON SITE.
13. THE PROJECT WILL COMPLY WITH NPDES REQUIREMENTS AS REQUIRED BY NPDES SUPPLEMENT "A".
14. FLOOD ZONE X, AREA OF LOW FLOODING PER FEMA PANEL 06065C2060H.
15. PROJECT LIES WITHIN AIRPORT LAND USE COMPATIBILITY ZONE D.
16. ARCHITECTURAL SITE PLAN PROVIDED BY HPA ARCHITECTURE ON 04/12/23

EASEMENT NOTES

SEE SHEET 2

LEGAL DESCRIPTION

SEE SHEET 2

SHEET INDEX

SHEET 1: TENTATIVE PARCEL MAP
SHEET 2: SECTIONS AND LEGAL



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Source: Ethanac Commerce Center Title Sheet, April 14, 2023.

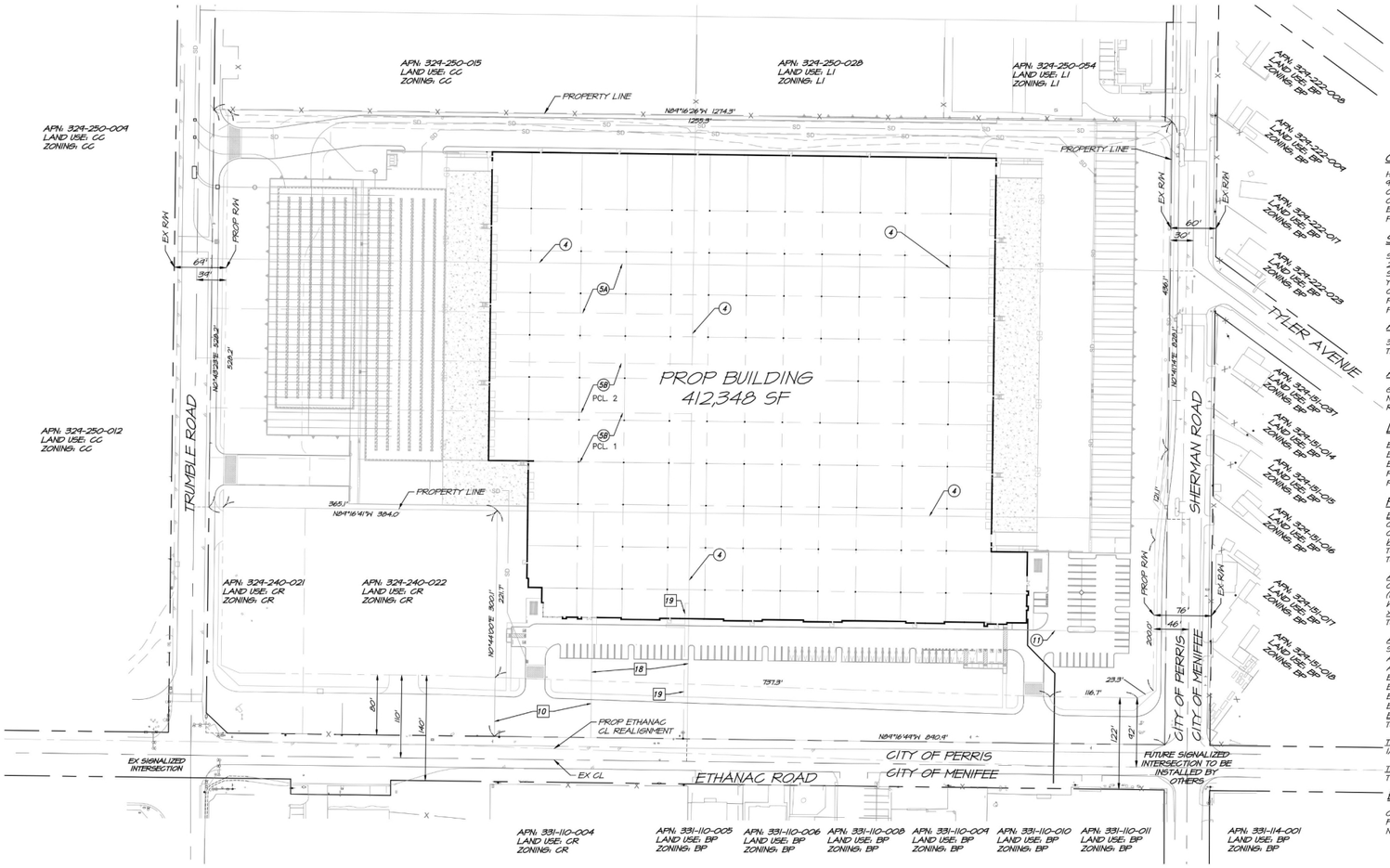
Figure 11 - Tentative Parcel Map No. 38600
Ethanac Logistics Center

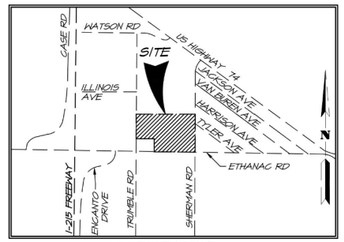
ALBERT A. WEBB ASSOCIATES

IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

DEVELOPMENT PLAN REVIEW NO. 22-00030

LOCATED IN SECTION 10 SW, T. 5S., R. 3W., S.B.M.





VICINITY MAP
NTS

OWNER/APPLICANT

HILLWOOD INVESTMENT PROPERTIES
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ONTARIO CA, 91764
CONTACT: JOHN GRACE
EMAIL: JOHN.GRACE@HILLWOOD.COM
PHONE: (909) 256-5424

PROJECT REPRESENTATIVE

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PHONE: (951) 686-1070
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A.P.N.

324-240-016 THRU -020, -023,
THRU -027

ARCHITECT

HPA ARCHITECTS
18831 BARDEEN AVE., STE 100
IRVINE, CA 92612
CONTACT: INKON KIM
PHONE: (949) 863-1770
EMAIL: INKON@HPARCHS.COM

ACREAGE

GROSS	21.6 AC
NET	19.9 AC
R/W	1.7 AC

TOPOGRAPHY SOURCE

TOPOGRAPHY FLOWN BY INLAND AERIAL SURVEYS INC. ON 02/15/2022

LAND USE

EXISTING LAND USE: VACANT
EXISTING GENERAL PLAN LAND USE: COMMERCIAL COMMUNITY (CC)
EXISTING ZONING: COMMERCIAL COMMUNITY (CC)
PROPOSED GENERAL PLAN LAND USE: LIGHT INDUSTRIAL (LI)
PROPOSED ZONING: LIGHT INDUSTRIAL (LI)

PROJECT DATA

BUILDING AREA	
OFFICE - FIRST FLOOR	10,000 SF
OFFICE - SECOND FLOOR	5,000 SF
WAREHOUSE	397,348 SF
TOTAL BUILDING FOOTPRINT	407,348 SF
TOTAL FLOOR AREA	412,348 SF

AUTO PARKING REQUIRED	
OFFICE:	
(1 STALL/300 SF IF LESS THAN 10% GFA)	N/A
WAREHOUSE:	
240K SF @ (30 STALLS + 1 STALL/5,000 SF)	105 STALLS
TOTAL	105 STALLS

AUTO PARKING PROVIDED	
STANDARD (9' x 19')	76 STALLS
ADA STANDARD (9' x 19')	3 STALLS
ADA VAN (12' x 19')	2 STALLS
EV ADA STANDARD (9' x 19')	1 STALLS
EV ADA VAN (12' x 19')	1 STALLS
EV AMBULATORY (10' x 19')	1 STALLS
EVCS STANDARD (9' x 19')	3 STALLS
EV CALPABLE (9' x 19')	19 STALLS
TOTAL	106 STALLS

TRAILER PARKING REQUIRED	
1/ 5,000 SF	82 STALLS

TRAILER PARKING PROVIDED	
TYPICAL TRAILER (10' x 55')	157 STALLS

EARTHWORK ESTIMATE

CUT:	15,800 CY	
FILL:	66,100 CY	
NET:	50,300 CY (FILL)	

SHEET INDEX

SHEET 1 - TITLE SHEET
SHEET 2 - STREET AND GRADING SECTIONS
SHEET 3 - CONCEPTUAL GRADING
SHEETS 4,5 - CONCEPTUAL UTILITIES

GENERAL INFORMATION

1. ALL PARCELS WITHIN PROJECT BOUNDARY TO BE COMBINED VIA PARCEL MAP.
2. THOMAS BROS. MAP BOOK PAGE: 838, GRID: C1 AND D1
3. PROJECT IS NOT WITHIN A SPECIFIC PLAN.
4. PROJECT LIES WITHIN THE CITY OF PERRIS REDEVELOPMENT PROJECT AREA.
5. PROJECT LIES WITHIN CFD NO. 1.
6. EASEMENTS OF RECORD ARE PLOTTED HEREIN.
7. PROJECT IS WITHIN EASTERN MUNICIPAL WATER DISTRICT
8. THERE ARE NO EXISTING WELLS ON THE PROPERTY.
9. ALL SLOPES ARE 2:1 RATIO, UNLESS OTHERWISE NOTED.
10. LAND IS NOT WITHIN A SPECIAL STUDIES ZONE.
11. LAND HAS LOW POTENTIAL FOR LIQUEFACTION PER SOCAL GEO REPORT DATED 02/23/2022.
12. SUB-SURFACE SEPTIC DISPOSAL IS NOT INTENDED ON SITE.
13. STRUCTURES AND/OR DWELLINGS DO NOT EXIST ON SITE.
14. THE PROJECT WILL COMPLY WITH NPDES REQUIREMENTS AS REQUIRED BY NPDES SUPPLEMENT "A".
15. FLOOD ZONE X, AREA OF LOW FLOODING PER FEMA PANEL 06065C2060H.
16. PROJECT LIES WITHIN AIRPORT LAND USE COMPATIBILITY ZONE D
17. ARCHITECTURAL SITE PLAN PROVIDED BY HPA ARCHITECTURE ON 04/12/23

UTILITY PROVIDERS

WATER:	EASTERN MUNICIPAL WATER DISTRICT PHONE: (951) 685-7434
SEWER:	EASTERN MUNICIPAL WATER DISTRICT PHONE: (951) 685-7494
GAS:	SOUTHERN CALIFORNIA GAS COMPANY PHONE: (909) 307-7070
ELECTRIC:	SOUTHERN CALIFORNIA EDISON PHONE: 1 (800) 655-4555
TELEPHONE:	CHARTER COMMUNICATIONS (SPECTRUM) PHONE: (951) 406-1666
CABLE T.V.:	FRONTIER COMMUNICATIONS PHONE: (310) 264-5100
SCHOOL DISTRICT(S):	ROMOLAND SCHOOL DISTRICT (TK-8) PHONE: (951) 926-4244 PERRIS UNION HIGH SCHOOL DISTRICT (9-12) PHONE: (951) 943-6369

EASEMENT NOTES

SEE SHEET 2

LEGAL DESCRIPTION

SEE SHEET 2



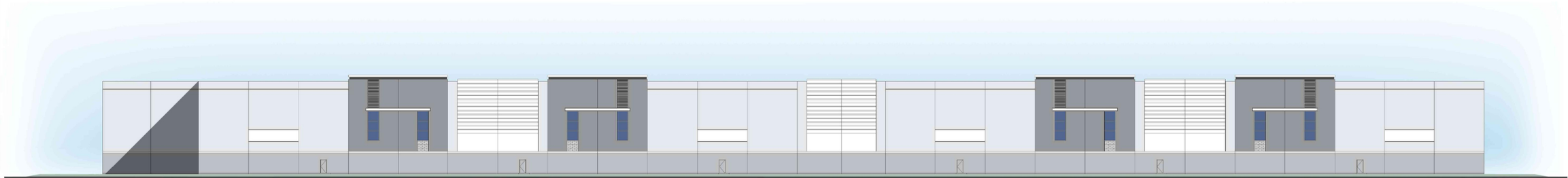
H:\2022\22-0199\GIS\rol\dev_plan_rev\dev_plan_rev\aprx Map created 07 Sep 2023

Source: Development Plan Review, sheet 1, Sep. 1, 2023.

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Figure 12 - Development Plan Review
Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



North Elevation



West Elevation - Trumble Road



South Elevation - Ethanac Road



East Elevation - Sherman Road (facing Menifee)

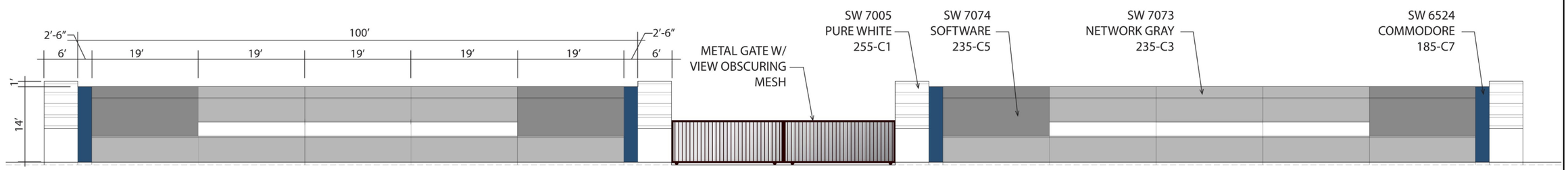
H:\2022\22-0199\GIS\Pro\building_elev\building_elev.aprx Map created 07 Sep 2023

Source: HPA Architecture and Hillwood, Sep. 7, 2023.

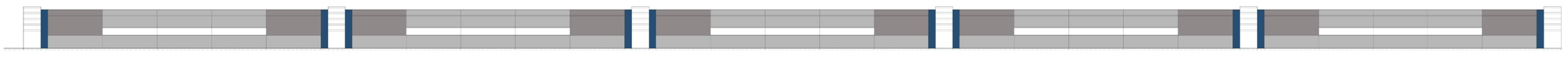
NTS

Figure 13 - Building Elevations
Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



Screenwall Details



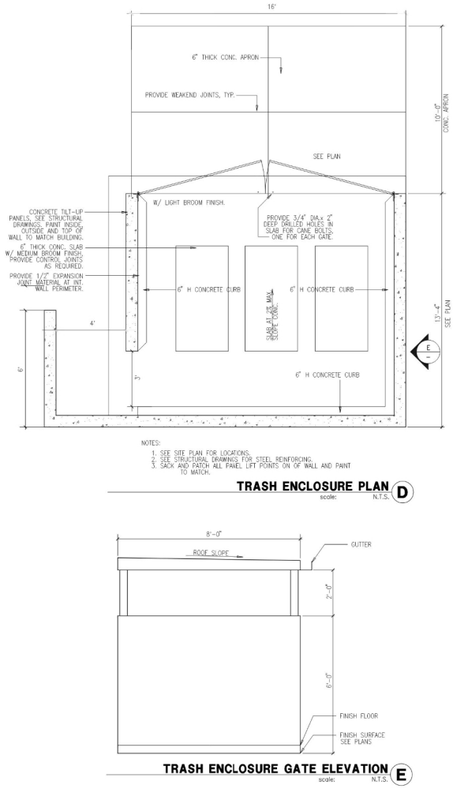
Screenwall Elevation

H:\2022\22-0199\GIS\Pro\screening\screening.aprx Map created 07 Sep 2023

Source: HPA Architecture and Hillwood, Sep. 7, 2023.

Figure 14 - Screening Details
Ethanac Logistics Center

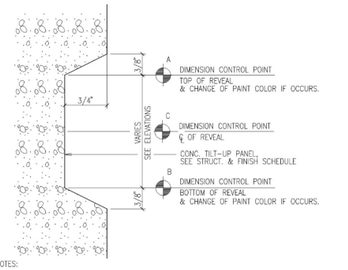
ALBERT A. WEBB ASSOCIATES



NOTES:
1. SEE SITE PLAN FOR LOCATIONS.
2. SEE STRUCTURAL DRAWINGS FOR STEEL REINFORCING.
3. SACK AND PATCH ALL PANEL LIFT POINTS ON OF WALL AND PAINT TO MATCH.

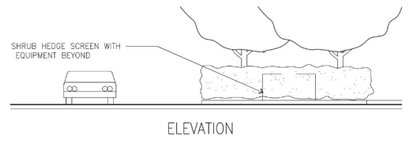
TRASH ENCLOSURE PLAN (D)
scale: N.T.S.

TRASH ENCLOSURE GATE ELEVATION (E)
scale: N.T.S.

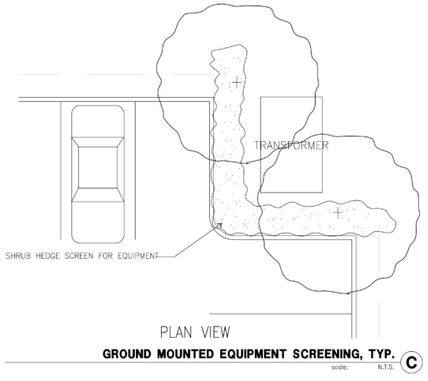


NOTES:
1. DIMENSION CONTROL POINTS AT REVEALS AND EDGE OF CONCRETE OPENINGS WHERE OCCUR, SEE WALL SECTIONS.
2. PAINT COLOR CHANGES TO ALWAYS OCCUR AT CONTROL POINT "A" OR "B"

TYP. CONCRETE REVEAL (B)
scale: N.T.S.

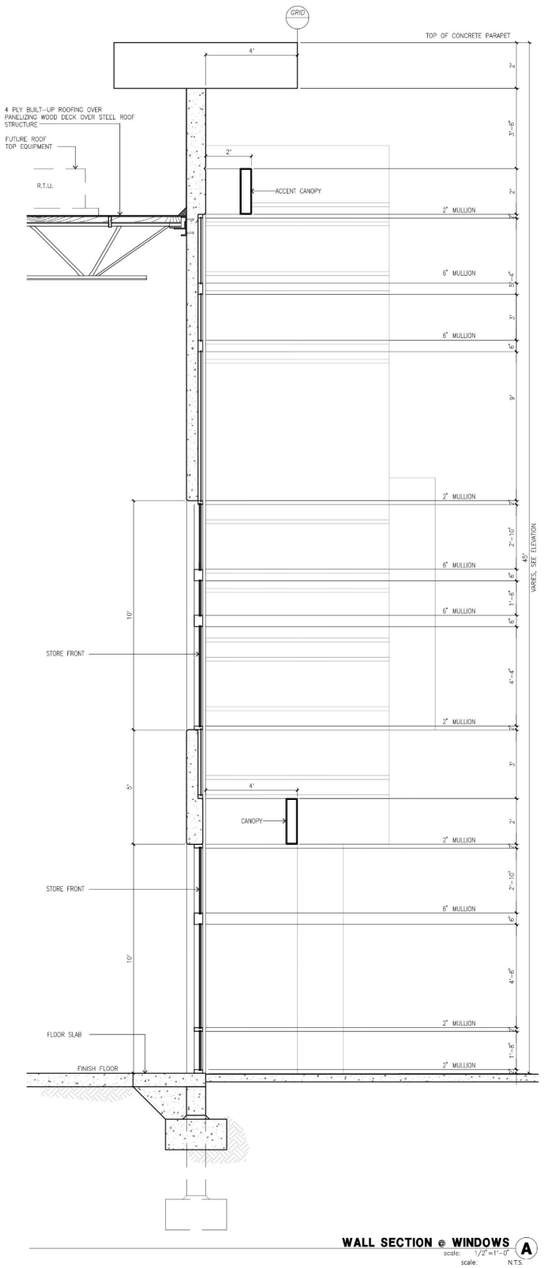


ELEVATION



PLAN VIEW

GROUND MOUNTED EQUIPMENT SCREENING, TYP. (C)
scale: N.T.S.



WALL SECTION @ WINDOWS (A)
scale: 1/2"=1'-0"
scale: N.T.S.

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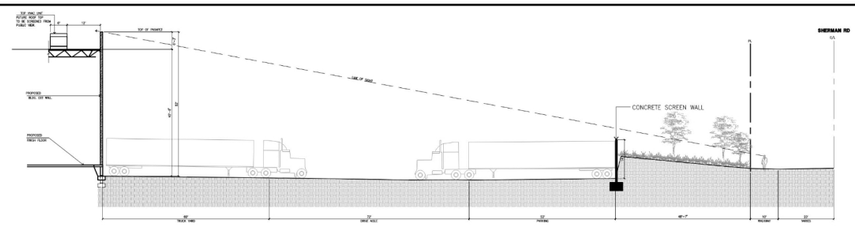
Source: HPA Architecture, DAB-A4.1, July 20, 2023.

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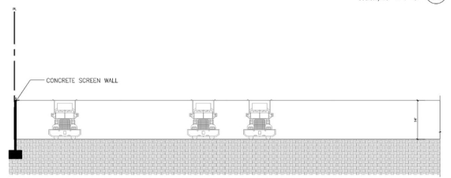
Figure 15 - Elevation Details

Ethanac Logistics Center

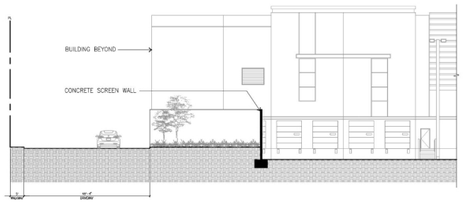
ALBERT A. WEBB ASSOCIATES



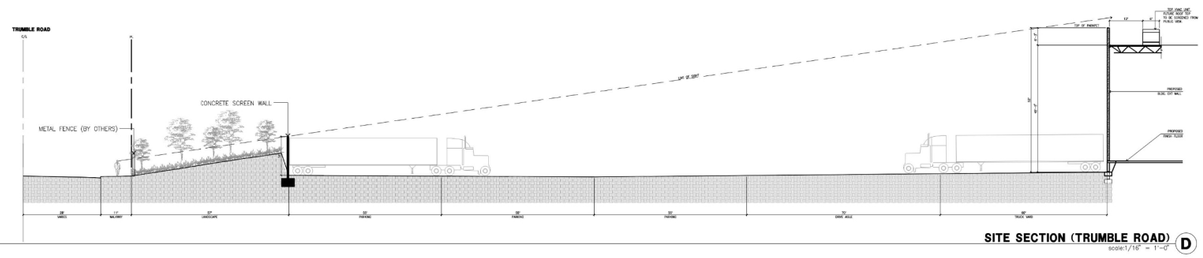
SITE SECTION (SHERMAN ROAD) A
scale:1/16" = 1'-0"



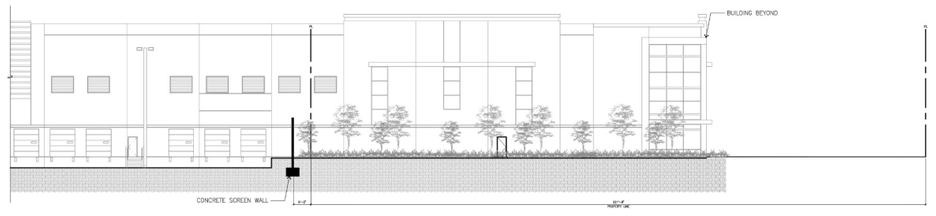
SITE SECTION B
scale:1/16" = 1'-0"



SITE SECTION C
scale:1/16" = 1'-0"



SITE SECTION (TRUMBLE ROAD) D
scale:1/16" = 1'-0"



SITE SECTION E
scale:1/16" = 1'-0"

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Source: HPA Architecture, DAB-A4.2, July 20, 2023.

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Figure 16 - Line of Sight
Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES

TRASH ENCLOSURE PER CITY STANDARD.

PROPOSED TRAILER PARKING AREA.

PROPOSED SCREENING TREES

PROPOSED RETAINING WALL

SITE ENTRY ACCESS POINT WITH ENHANCED MULTI-LEVEL ENTRY LANDSCAPE TREATMENT

SITE ENTRY ACCESS POINT WITH ENHANCED MULTI-LEVEL ENTRY LANDSCAPE TREATMENT

ENHANCED INTEGRAL COLOR CONCRETE BANDING

PROPOSED SEATING AREA

LANDSCAPE SCREEN HEDGES

PROPOSED TRASH RECEPTACLE

LANDSCAPE PLANTING AREA

WEST ENTRANCE SEE ENLARGEMENT

TYP. SITE ENTRY ACCESS POINT WITH ENHANCED MULTI-LEVEL ENTRY LANDSCAPE TREATMENT

SHADE CONCRETE PAVING

OVERHEAD STRUCTURE SEE WEST ELEVATION

LANDSCAPE PLANTING

TRASH RECEPTACLE

PRIVACY SCREENING HEDGES

CONCRETE SEATING AREA

BIKE RACK

ENHANCED INTEGRAL COLOR CONCRETE ENTRY PAVING W/CONCRETE BANDS

EXISTING PROPERTY LINE

PROPOSED RIGHT OF WAY.

PROPOSED TRAILER PARKING AREA.

PROPOSED PUMP STAION PER ARCHITECT PLAN

PROPOSED SCREEN WALL PER CIVIL ENGINEER PLANS

BIKE RACK

EAST ENTRANCE SEE ENLARGEMENT

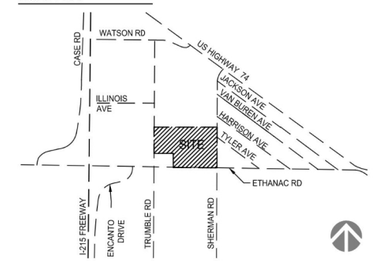
ENHANCED INTEGRAL COLOR CONCRETE BANDING

OVERHEAD STRUCTURE SEE EAST ELEVATION

TYP. SITE ENTRY ACCESS POINT WITH ENHANCED MULTI-LEVEL ENTRY LANDSCAPE TREATMENT

ENHANCED INTEGRAL COLOR CONCRETE ENTRY PAVING W/CONCRETE BANDS

VICINITY MAP



SCALE: NTS

ASSESOR'S PARCEL NUMBER

329-240-016 to 20,23 to 27

ACREAGE:

NET SITE AREA: 19.85 ACRES

PROJECT DESCRIPTION

DEVELOPMENT PLAN REVIEW FOR A WAREHOUSE FACILITY CONSISTING OF 1 BUILDING TOTALING 412,372 SQUARE FEET ON 19.85± NET ACRES.

OWNER/ APPLICANT:

HILLWOOD INVESTMENT PROPERTIES
ATTN: JOHN GRACE
JOHN.GRACE@HILLWOOD.COM
901 VIA PIEMONTE STE. 175
ONTARIO, CA 91764
PHONE: (909) 256-5924

LANDSCAPE ARCHITECT:

ALBERT A. WEBB ASSOCIATES
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JEFF.HUTCHINS@WEBBASSOCIATES.COM
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RIVERSIDE, CA. 92506
TEL: (951) 686-1070
FAX: (951) 788-1256

CIVIL ENGINEER:

ALBERT A. WEBB ASSOCIATES
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SARAH.KOWALSKI@WEBBASSOCIATES.COM
3788 McCRAY STREET
RIVERSIDE, CA. 92506
TEL: (951) 686-1070
FAX: (951) 788-1256

ARCHITECT:

HPA ARCHITECTURE
ATTN: INKON KIM
INKON@HPARCHS.COM
18831 BARDEEN AVENUE, SUITE 100
IRVINE, CA. 92612
TEL: (949) 862-2116

LANDSCAPE AREA TABULATION

ACREAGE	
TOTAL NET SITE AREA:	864,675 SQ. FT. (19.9 AC)
BUILDING AREA	
WAREHOUSE:	412,348 SQ. FT.
ON-SITE LANDSCAPE AREA:	129,809 SQ. FT. (15%)
OFF-SITE LANDSCAPE PROVIDED:	17,797 SQ. FT.
TOTAL LANDSCAPE AREA:	147,606 SQ. FT.

CONCEPT PLANT SCHEDULE

ACCENT PARKING LOT TREE	CHILOPSIS LINEARIS / DESERT WILLOW GEIJERA PARVIFLORA / AUSTRALIAN WILLOW	14
PARKING LOT SHADE TREE	PLATANUS X ACERIFOLIA 'BLOODGOOD' / BLOODGOOD LONDON PLANE TREE ULMUS PARVIFOLIA / ALCESARK ELM	65
BUILDING TREE	LAURUS NOBILIS / SWEET BAY QUERCUS PALUSTRIS 'PRINGREEN' / GREEN PILLAR® PIN OAK	100
ACCENT TREES	CERCIS CANADENSIS / EASTERN REDBUD MULTI-TRUNK GEIJERA PARVIFLORA / AUSTRALIAN WILLOW	49
STREET TREES	OLEA EUROPAEA 'SWAN HILL' / SWAN HILL OLIVE	38
VERTICAL TREE	CUPRESSUS SEMPERVIRENS / ITALIAN CYPRESS HYMENOSPORUM FLAVUM / SWEETSHADE	3
SHADE TREES	KOELREUTERIA BIPINNATA / CHINESE FLAME TREE MULTI-TRUNK RHUS LANCEA / AFRICAN SUMAC	16
FOUNDATION PLANTING	-	11,264 SF
ONSITE PLANTING	-	101,987 SF
OFFSITE PLANTING		17,120 SF

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Source: Albert A. Webb Associates, Sep 6, 2023.

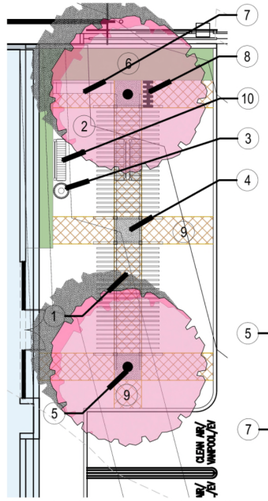
Figure 17 - Conceptual Landscape

Ethanac Logistics Center

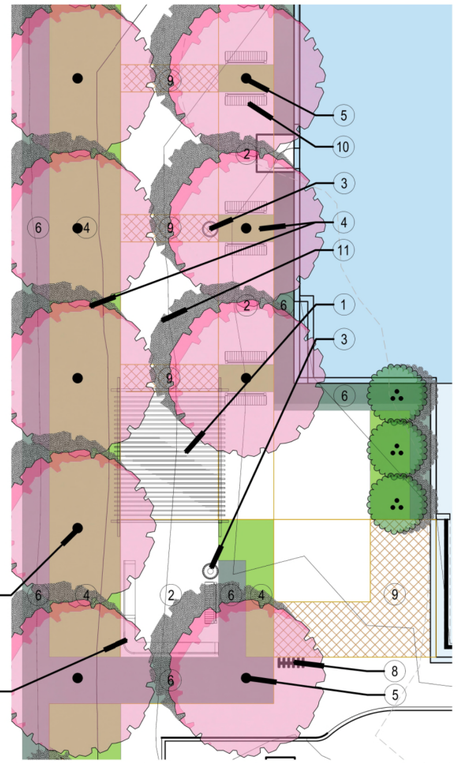
NTS

ALBERT A. WEBB ASSOCIATES

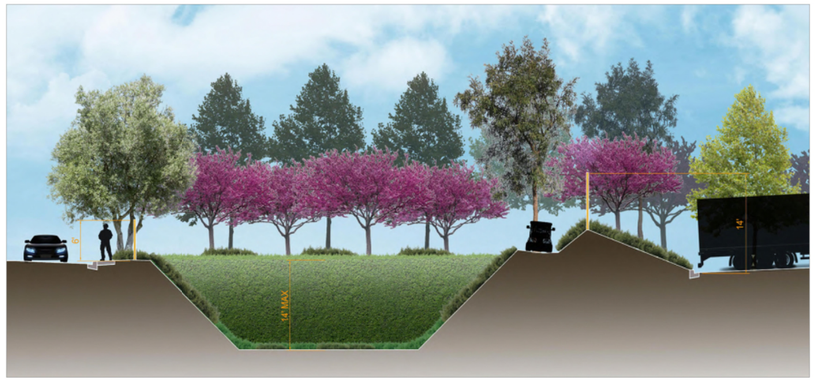
1. OVERHEAD STRUCTURE
2. EMPLOYEE RESTING AREA
3. TRASH RECEPTACLE
4. LANDSCAPE SHRUBS
5. SHADE TREE
6. PRIVACY HEDGES
7. CONCRETE SEATING
8. BIKE RACK
9. SPECIAL PAVING
10. BENCH
11. SHADE CONCRETE PAVING



EAST ENTRANCE SCALE: 1"=10'



WEST ENTRANCE SCALE: 1"=10'



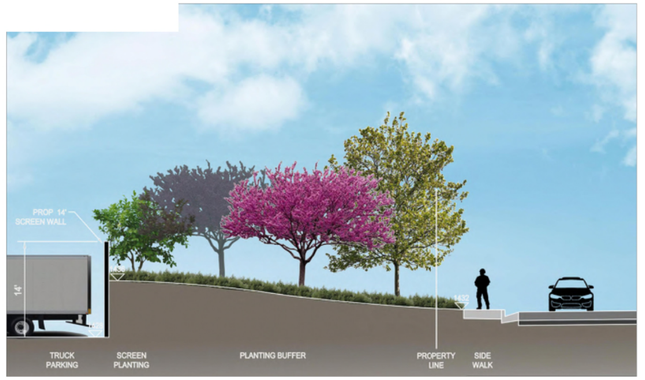
SECTION 'A' - PROPOSED PUBLIC DETENTION BASIN SCALE: 1"=10'



EAST ENTRANCE ELEVATION VIEW SCALE: 1"=10'



WEST ENTRANCE ELEVATION VIEW SCALE: 1"=10'



SECTION 'B' - SHERMAN RD SCALE: 1"=10'

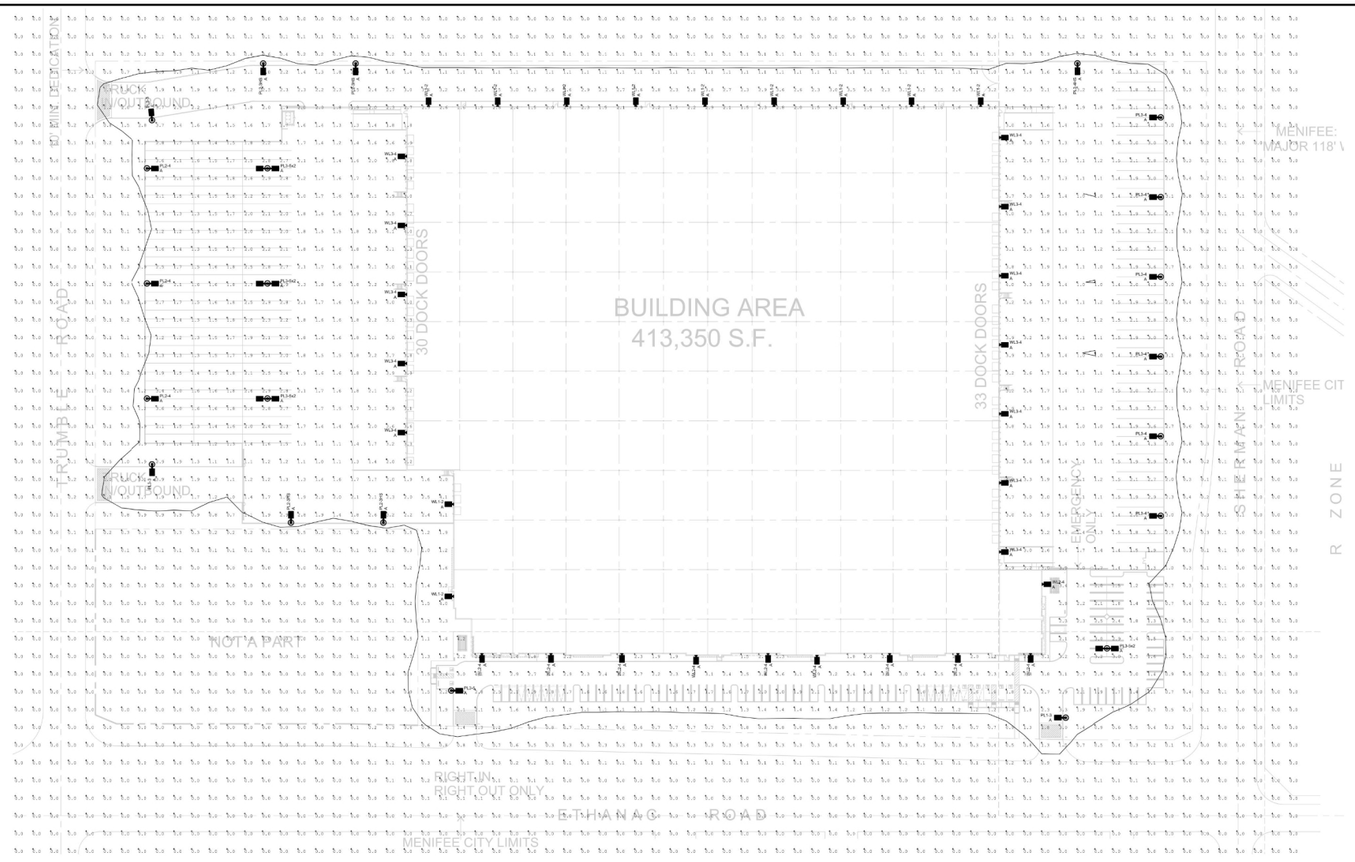
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Source: Albert A. Webb Associates, April 17, 2023.

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Figure 18 - Views of Project Site
Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES



SITE LIGHTING PLAN

(SCALE: 1"=50'-0")

NOTE: ALL EXTERIOR LIGHTS TO BE 3000K COLOR TEMP

FIXTURE LEGEND

SYMBOL	DESCRIPTION	BUG RATING	COMPLIES WITH CAL GREEN 5.106.8
P1.1-3	TYPE 3 (RSX2-LED-P1-30K-R3) LED CUT-OFF ON 25' SQUARE STEEL POLE ON 2'-0" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B2-UO-G2	YES
P2.2-3HS	TYPE 3 (RSX2-LED-P2-30K-R3-HS) LED CUT-OFF W/HOUSE SIDE SHIELD ON 25' SQUARE STEEL POLE ON 2'-0" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B1-UO-G2	YES
P2.2-4	TYPE 4 (RSX2-LED-P2-30K-R4) LED CUT-OFF ON 25' SQUARE STEEL POLE ON 2'-0" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B2-UO-G3	YES
P3.3-3	TYPE 3 (RSX2-LED-P3-30K-R3) LED CUT-OFF ON 25' SQUARE STEEL POLE ONLY 6" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B3-UO-G3	YES
P3.3-4	TYPE 4 (RSX2-LED-P3-30K-R4) LED CUT-OFF ON 25' SQUARE STEEL POLE ON 2'-0" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B3-UO-G3	YES
P3.3-4HS	TYPE 4 (RSX2-LED-P3-30K-R4-HS) LED CUT-OFF W/HOUSE SIDE SHIELD ON 25' SQUARE STEEL POLE ON 2'-0" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B1-UO-G3	YES
P3.3-5	TYPE 5 (RSX2-LED-P3-30K-R5) LED CUT-OFF ON 25' SQUARE STEEL POLE ON 2'-0" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B5-UO-G3	YES
P3.3-5x2	TWIN TYPE 5 (RSX2-LED-P3-30K-R5) LED CUT-OFF ON 25' SQUARE STEEL POLE ONLY 6" HIGH CONC BASE IN AUTO PARKING & 4' HIGH CONC BASE IN TRUCK YARD AND NO UPTILT*	B5-UO-G3	YES
W1.1-2	TYPE 2 (RSX2-LED-P1-30K-R2) LED CUT-OFF AT 32' AFF	B2-UO-G1	YES
W2.2-4	TYPE 4 (RSX2-LED-P2-30K-R4) LED CUT-OFF AT 32' AFF	B2-UO-G3	YES
W3.3-4	TYPE 4 (RSX2-LED-P3-30K-R4) LED CUT-OFF AT 32' AFF	B3-UO-G3	YES

* - SEE ARCHITECTURAL PLANS FOR ACTUAL POLE BASE HEIGHTS

NONRESIDENTIAL MANDATORY MEASURES

TABLE 5.106.8 [N]
MAXIMUM ALLOWABLE BACKLIGHT, UPLIGHT AND GLARE (BUG) RATINGS[1]

ALLOWABLE RATING	LIGHTING ZONE LZ0	LIGHTING ZONE LZ1	LIGHTING ZONE LZ2	LIGHTING ZONE LZ3	LIGHTING ZONE LZ4
Maximum Allowable Backlight Rating (B)					
Luminaire greater than 2 mounting heights (MH) from property line	N/A	No Limit	No Limit	No Limit	No Limit
Luminaire back hemisphere is 1 – 2 MH from property line	N/A	B2	B3	B4	B4
Luminaire back hemisphere is 0.5 – 1 MH from property line	N/A	B1	B2	B3	B3
Luminaire back hemisphere is less than 0.5 MH from property line	N/A	B0	B0	B1	B2
Maximum Allowable Uplight Rating (U)					
For area lighting[2]	N/A	U0	U0	U0	U0
For all other outdoor lighting, including decorative luminaires	N/A	U1	U2	U3	U4
Maximum Allowable Glare Rating (G)					
Luminaire greater than 2 MH from property line	N/A	G1	G2	G3	G4
Luminaire front hemisphere is 1 – 2 MH from property line	N/A	G0	G1	G1	G2
Luminaire front hemisphere is 0.5 – 1 MH from property line	N/A	G0	G0	G1	G1
Luminaire front hemisphere is less than 0.5 MH from property line	N/A	G0	G0	G0	G1

1. IESNA Lighting Zones 0 are not applicable; refer to Lighting Zones as defined in the *California Energy Code* and Chapter 10 of the *California Administrative Code*.
2. For property lines that abut public walkways, bikeways, plazas and parking lots, the property line may be considered to be 5 feet beyond the actual property line for purpose of determining compliance with this section. For property lines that abut public roadways and public transit corridors, the property line may be considered to be the centerline of the public roadway or public transit corridor for the purpose of determining compliance with this section.
3. General lighting luminaires in areas such as outdoor parking, sales or storage lots shall meet these reduced ratings. Decorative luminaires located in these areas shall meet U-value limits for "all other outdoor lighting."

CAL GREEN BUG TABLE

SITE LIGHTING STATISTICS

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Hardscape	Illuminance	Fc	2.15	4.5	1.0	2.06	4.40

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Source: Gregg Electric Inc., Jan 9, 2023.

NTS

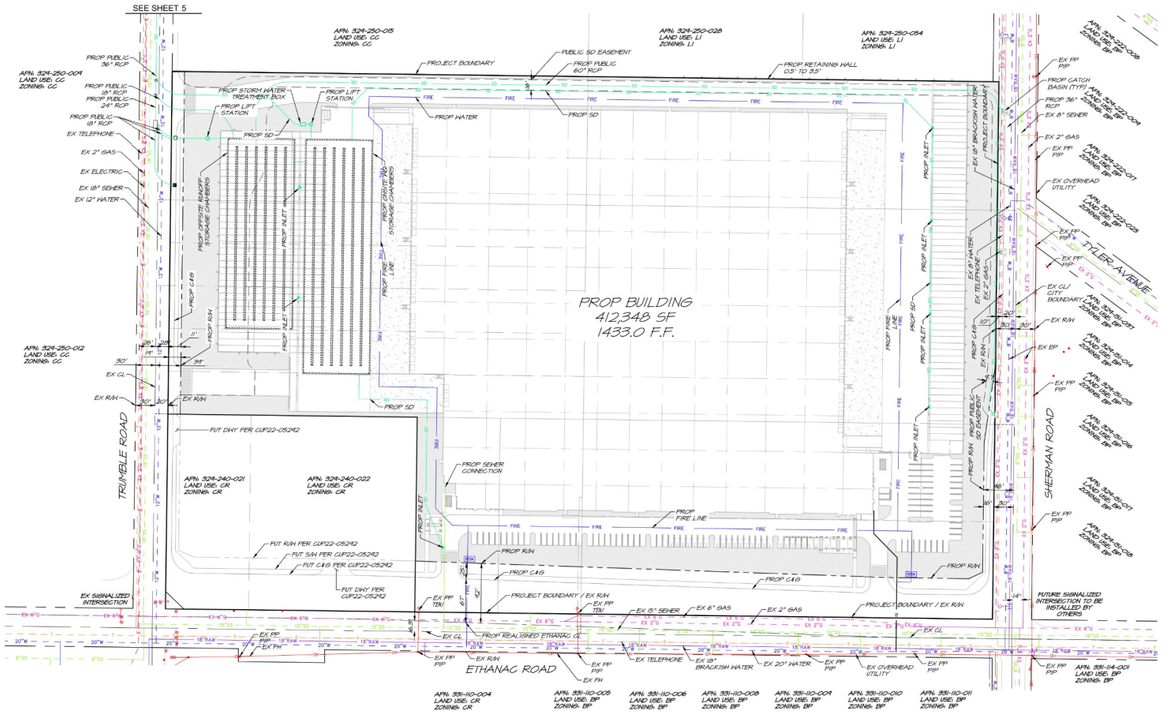
Figure 19 - Proposed Lighting

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SEE SHEET 4



LEGEND

- 18"RAW — EXISTING 18" BRACKISH WATER
- EXISTING BRACKISH WATER BLOW OFF VALVE
- E — EXISTING ELECTRIC
- EXISTING FIRE HYDRANT
- EX 2"G — EXISTING 2" GAS
- EX 3"G — EXISTING 3" GAS
- EX 6"G — EXISTING 6" GAS
- OH — EXISTING OVERHEAD UTILITY
- 6"SS — EXISTING 6" SEWER
- 8"SS — EXISTING 8" SEWER
- 15"SS — EXISTING 15" SEWER
- 18"SS — EXISTING 18" SEWER
- EXISTING SEWER MANHOLE
- 36"SD — EXISTING 36" STORM DRAIN
- 48"SD — EXISTING 48" STORM DRAIN
- T — EXISTING TELEPHONE
- 8"W — EXISTING 8" WATER
- 12"W — EXISTING 12" WATER
- 20"W — EXISTING 20" WATER
- PROJECT BOUNDARY
- RIGHT-OF-WAY (EXISTING/PROPOSED)
- W — PROPOSED WATER
- FIRE — PROPOSED FIRE LINE
- SS — PROPOSED SEWER
- SD — PROPOSED STORM DRAIN

ABBREVIATIONS

CL	CENTER LINE
C&G	CURB AND GUTTER
EX	EXISTING
PP	POWER POLE
PROP	PROPOSED
PIP	PROTECT IN PLACE
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT-OF-WAY
SD	STORM DRAIN
TBU	TO BE UNDERGROUNDED
TYP	TYPICAL

Source: Development Plan Review sheets 4-5, Sep 1, 2023.

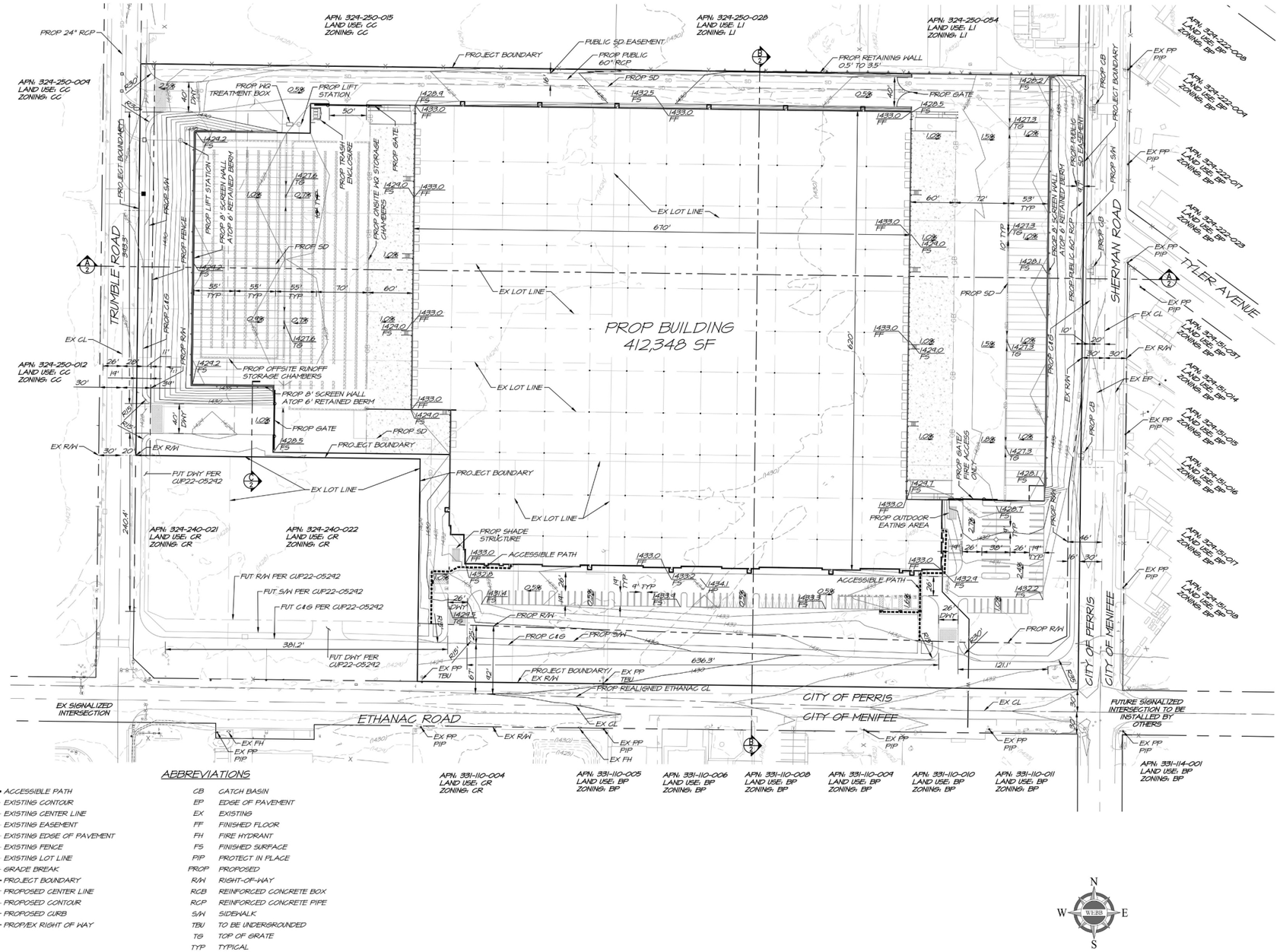
Figure 20 - Existing and Proposed Utilities

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Source: Development Plan Review sheet 3, Sep 1, 2023.

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Figure 21 - Grading Plan

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5.0 ENVIRONMENTAL ANALYSIS AND DETERMINATION

In accordance with CEQA, this Initial Study has been prepared to analyze and determine any potential significant impacts upon the environment that would result from construction and implementation of the proposed Project. In accordance with State CEQA Guidelines Section 15063, this Initial Study is a preliminary analysis prepared by the Lead Agency in consultation with other jurisdictional agencies, to determine whether a Negative Declaration, Mitigated Negative Declaration, or an Environmental Impact Report is required for the Proposed Project. The purpose of this Initial Study is to inform the decision-makers, affected agencies, and the public of potential environmental impacts associated with the implementation of the Proposed Project.

5.1 Evaluation of Environmental Impacts

A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question.

1) All answers must take account of the whole action involved, including offsite as well as onsite, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
2) A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
4) "Negative Declaration: Potentially Significant Unless Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less Significant Impact." The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analysis," as described in (5) below, may be cross referenced).
5) Earlier analysis may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Guidelines Section 15063 (c)(3)(d). In this case, a brief discussion should identify the following:
    (a) Earlier Analysis Used. Identify and state where they are available for review.
    (b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
    (c) Mitigation Measures. For effects that are "Less than Significant with Mitigation Measures Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address site specific conditions for the project.

6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
9) The analysis of each issue should identify:
    (a) the significance criteria or threshold used to evaluate each question; and
    (b) the mitigation measure identified, if any, to reduce the impact to less than significance

5.2 Environmental Factors Potentially Affected

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

☐ Aesthetics	☒ Greenhouse Gas Emission	☐ Public Services
☐ Agriculture and Forestry Resources	☐ Hazards/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

5.3 Determination

On the basis of this initial evaluation:

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

☐ I find that although the proposed project could have a significant effect on the environment, there would 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 would be prepared.

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

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

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

Signature of Lead Agency Representative	9/7/23 Date
Nathan Perez, Senior Planner Printed Name	City of Perris Agency

6.0 INITIAL STUDY

This section provides evidence to substantiate the conclusions in the Environmental Checklist.

6.1 Aesthetic Resources	*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?	☐	☒	☐	☐

References: CAL-A, DOF-A, DOF-B GE, GP DEIR, MC, USCB

Explanation of Checklist Answers

a) **Less than significant impact.** Scenic vistas are defined as the view of an area that is visually or aesthetically pleasing. Development projects may potentially impact scenic vistas in two ways: 1) directly diminishing the scenic quality of the vista, or 2) by blocking the view corridors or "vistas" of scenic resources. The City is located on a flat broad basin. Virtually all building construction consistent with land use development standards will obstruct views of the foothills from at least some vantage points (GP DEIR, p. VI-2). However, the east-west and north-south oriented roadway network and streetscapes frame and preserve scenic vistas from public rights of way to the distant horizons and foothills. View corridors extend for miles along current and planned roadways and preserve scenic vistas from the broad basin to the surrounding foothills. (GP DEIR, p. VI-2).

As shown in **Figure 2** above, the proposed Project site is currently vacant and undeveloped. The Project site itself is not a scenic vista, nor does it currently block or diminish a scenic vista. Furthermore, as discussed above, the surrounding roadway network has been established and therefore is preserving the view corridors. Thus, the implementation of the Project would not have a substantial adverse effect on a scenic vista. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **No impact.** The Project site is not located within view of a State Scenic Highway. The closest eligible highway is State Route (SR) 74 which is located approximately 0.7 mile east of the Project site (CAL-A, GE). Once SR-74 reaches the San Jacinto Mountains, SR-74 becomes an officially designated State Scenic Highway in conjunction with SR-243; however, this segment of

SR-74 and SR-243 is located approximately 22 miles southeast of the Project site. Since the Project site is not located within view of a State Scenic Highway, implementation of the Project would not substantially damage scenic resources within a State Scenic Highway. Thus, implementation of the Project would not substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **Less than significant impact.** CEQA Section 21071(a) defines an incorporated city as being an urbanized area if it meets either of the following criteria:

- Has a population of at least 100,000 persons; or
- Has a population of less than 100,000 persons if the population of that city and not more than two contiguous incorporated cities combined equals at least 100,000 persons.

In 2021, the City's population was approximately 79,835 residents. (DOF-A). The adjoining City of Menifee has an estimated population of 106,401 (DOF-B). Between the two cities, the population is over 100,000 so the Project site is considered to be within an urbanized area.

Visual character is the point of reference to assess whether a given project would appear compatible with the established features of the existing setting or would contrast noticeably and unfavorably with them. Photographs presented in **Figures 4** and **5**, depict the visual character of the Project site, which is vacant and relatively flat with limited vegetation. The surrounding area is comprised of vacant land, industrial uses, and legal, yet non-conforming residential uses. Construction of the Project will result in short-term impacts to the existing visual character of the site and quality of the area. Construction activities will require the use of equipment and storage of materials within the Project site. However, construction activities are temporary in nature and would not result in any permanent visual impacts. Implementation of the Project would result in a permanent change in the visual character of the site from its current undeveloped condition to a developed industrial warehouse use.

However, as shown in **Figure 13**, which provides conceptual building elevations, the proposed building has been designed to include scale, massing, building relief; architectural elevations and details; roofs and parapets; and color and materials. Development of the Project would involve the construction of a single industrial building with a maximum height not to exceed 50 feet. The building has been designed with multiple areas of geometric form to provide variation in building plane and form. Visual relief from massive building form would be achieved through fenestration, incorporation of windows, and/or through variations in height and rooflines as well as the use of parapets. These various architectural elements would effectively avoid monotony and repetition in building elevations.

Roof equipment would be mounted behind parapets and trash enclosures will be designed with concrete tilt-up walls consistent with the proposed building. The Project would be consistent with City standards and provide 14-foot-high screen walls along the Project site's eastern and western boundaries. Additionally, as reflected in **Figure 14,** 6-foot-high screen walls atop an 8-foot-high retained berm would be provided along the eastern and western Project boundaries. Further, the Project would provide a retaining wall ranging from 0.5 feet to 3.5 feet in height along the northeastern perimeter where the site is adjacent to existing structures. A retaining wall ranging from 3 feet to 8 feet in height along the northwestern parking areas, and a 14-foot-

high retaining wall along the southwestern parking area adjacent to the existing property located on the southwest corner of Ethanac and Trumble Roads.

Landscape buffers would be provided along the western, eastern, and southern boundaries of the site as well as around screen walls. Access points would provide enhanced landscape treatments. As shown in **Figure 17**, landscaping would be installed around the perimeter of the site to provide a visual buffer along the public roadways to help visually screen views of proposed building and parking areas and include the use of screening trees. As reflected in the line-of sight in **Figure 16** and views of Project site in **Figure 18**, through a combination of screen walls and landscape, auto and truck parking, loading bays, and the building would not be visible from the surrounding adjacent streets.

Further, the Project includes a General Plan Amendment and Change of Zone to change the land use and zoning designation from Community Commercial to LI and Commercial Community to LI, respectively. As such, the Project would be required to comply with LI zoning standards for industrial buildings, including but not limited to, Municipal Code, Title 19, Chapter 19.44.

The Project would change the visual character of the Project site by adding structures but the Project has been designed to ensure aesthetic cohesiveness and superior architectural design to improve the visual character of the area. The Project would be visually consistent with existing industrial development in the vicinity of the Project site. Thus, while the Project is in an urbanized area it will not conflict with applicable zoning and other regulations governing scenic quality. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **Less than significant with mitigation incorporated.** During Project construction, nighttime lighting may be used within the construction staging areas to provide security for construction equipment. Due to the distance between the construction area and the adjacent existing residences and motorists on adjacent roadways, such security lights may result in glare to residents and motorists. However, this potential impact would be reduced to a less than significant level with implementation of mitigation measure **MM AES-1**.

> **MM AES-1**: Prior to issuance of grading permits, the Project developer shall provide evidence to the City of Perris that any temporary nighttime lighting installed for security purposes shall be downward facing and hooded or shielded to prevent security light spillage by one foot candle to surrounding properties outside of the staging area or direct broadcast of security light into the sky.

When completed and operational, the proposed Project would add additional exterior building lights and exterior lighting for safety and security purposes within parking lots, along pathways and on buildings. Additionally, the proposed Project site is located within Zone B of Riverside County Ordinance 655 (County of Riverside Ord. 655), or within a 45-mile radius of the Mt. Palomar Observatory requiring low pressure sodium lights under 4050 lumens. All light sources would be shielded so that the light is directed away from streets and adjoining properties as required by City of Perris Municipal Code Section 19.020.110. Because the Project site is located within Zone B of the Mt. Palomar Observatory, the Project would be required to comply with County of Riverside Ord. 655.

Glare is primarily a daytime occurrence caused by the reflection of sunlight or artificial light by highly polished surfaces such as window glass or reflective materials. Daytime glare is common in urban areas and is typically associated with buildings with exterior facades largely or entirely

comprised of highly reflective glass or windshields of parked cars. Glare-sensitive uses include residences, hotels, transportation corridors and aircraft landing corridors. The Project site does have some sensitive residential receptors in the vicinity of the site but glare would be addressed through standard conditions of approval, plan check, permit procedures and design guidelines such as installation of window tinting or other measures that would reduce glare.

Thus, with implmemetation of mitigation measure **MM AES-1**, the Project would not create new sources of light or glare that will adversely affect day or nighttime views in the area. Therefore, impacts would be **less than significant with mitigation incorporated** and no further evaluation of this topic is required in an ND, MND, or EIR.

6.2 Agriculture and Forestry Resources	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use??	☐	☐	☐	☒
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	☐	☐	☐	☒
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	☐	☐	☐	☒
d) Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	☒
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	☒

References: FMMP, GE, GP CE, GP DEIR

Explanation of Checklist Answers

a) **No impact.** The Project site is identified as Farmland of Local Importance, Other Land, and Urban and Built-up Land by the Farmland Mapping Management Program of the California Department of Conservation (FMMP). Thus, the Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland) to non-agricultural use. Furthermore, the surrounding areas do not support Prime Farmland, Unique Farmland, or Farmland of Statewide Importance. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **No impact.** The City's 1991 General Plan eliminated the agricultural land use designation from within City boundaries. Therefore, there are no agricultural zones identified by the City and the proposed Project site is not covered under a Williamson Act Contract (GP DEIR, p. VI-3). The Project site has a General Plan Land Use designation of Community Commercial and zoning designation of Commercial Community. The Project applicant proposes to amend the General Plan land use designation and change the zoning designation to LI. Thus, the Project would not create a conflict with existing agricultural zoning for agricultural use or a Williamson Act contract. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **No impact.** The Project site has a General Plan land use designation of Community Commercial and zoning designation of Commercial Community. The Project applicant proposes to amend the General Plan land use designation and change the zoning designation to LI. There is no existing or proposed zoning of forest land, timberland, or Timberland Production Zones within the City and there is no commercial forestry or timber production industry within the City (GP CE, pp. 3-4). Implementation of the proposed Project would not impact forestland or timberland as defined by Public Resources Code section 4526 or a Timberland Production Zone as defined by Government Code section 51104(g). Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **No impact.** There is no land zoned forest land within the City. Therefore, implementation of the proposed Project would not impact land zoned for forest land and would not result in the conversion of forest land to non-forest uses. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **No impact.** The Project site is currently vacant and no agricultural production occurs at the site or in the immediate Project site vicinity (GE). Thus, the Project would not result in changes in the existing environment that could result in conversion of farmland to non-agricultural use or conversion of forestland to non-forest use. Therefore, **no impacts** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

6.3 Air Quality	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
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 in 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?	☐	☐	☒	☐

References: CARB-A, CARB-B, GE, GP DEIR, SCAQMD-A, SCAQMD-B, SCAQMD-C, SCAQMD-D

Explanation of Checklist Answers

a) **Potentially significant impact.** The City of Perris is located within the South Coast Air Basin ("the Basin"), which is under the jurisdiction of the South Coast Air Quality Management District (SCAQMD). (GP DEIR, p. IV-19.) In order to reduce emissions, the SCAQMD adopted the 2022 Air Quality Management Plan (AQMP), which establishes a program of rules and regulations directed at reducing air pollutant emissions and achieving state and federal air quality standards. The 2022 AQMP is a regional and multi-agency effort including the SCAQMD, the California Air Resources Board (CARB), the Southern California Association of Governments (SCAG), and the US Environmental Protection Agency (EPA) (SCAQMD-A).

The 2022 AQMP pollutant control strategies are based on the latest scientific and technical information and planning assumptions, including the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (2020-2045 RTP/SCS), updated emission inventory methodologies for various source categories, and SCAG's latest growth forecasts. SCAG's latest growth forecasts were defined in consultation with local governments and with reference to local general plans. Land use data is compiled from the City's General Plan. If a project demonstrates compliance with local land use plans and/or population projections from the 2020-2045 RTP/SCS, which would have been taken into account by the SCAQMD, then the project would be consistent with the 2022 AQMP. (SCAQMD-C).

The Project site has a City of Perris General Plan land use designation of Community Commercial and zoning designation of Commercial Community. The Project applicant proposes to amend the General Plan land use designation and change the zoning designation to LI to allow for Light Industrial (LI) land uses, such as the proposed warehouse. Due to the change of land use, the Project may be inconsistent with regional air pollutant projections. Thus, the Project may conflict with or obstruct implementation of the 2022 AQMP. Therefore, the Project

may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** The portion of the Air Basin within which the proposed Project site is located is designated as a non-attainment area for particulate matter less than 10 microns in diameter (PM-10) under state standards, and for ozone and particulate matter less than 2.5 microns in diameter (PM-2.5) under both state and federal standards (CARB-A).

Air quality impacts can be described in short-term and long-term perspectives. Short-term impacts occur during site preparation and Project construction, whereas long-term impacts are associated with Project operation. The Project's short-term and long-term emissions will be evaluated using the latest industry standard air quality modeling software and analyzed for compliance with SCAQMD regional significance thresholds. The SCAQMD considers the thresholds for project-specific impacts and cumulative impacts to be the same (SCAQMD-C). Hence, projects that exceed project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable.

The proposed Project includes a change of zone and a GPA to allow for Light Industrial (LI) land uses, which would allow for industrial uses onsite. Due to the change of land use, the Project may 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. Therefore, the Project may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

c) **Potentially significant impact.** Sensitive receptors include residential uses, school playgrounds, childcare facilities, athletic facilities, hospitals, retirement homes, and convalescent homes. (CARB-B, p. 2-1). Development of the Project site may have the potential to expose nearby sensitive receptors to substantial pollutant concentrations. Air Quality impacts to sensitive receptors can be analyzed via a Localized Significance Thresholds (LST) analysis. LSTs are applicable to nitrogen oxides (NO_X), carbon monoxide (CO), particulate matter less than 10 microns (PM-10), as well as particulate matter less than 2.5 microns (PM-2.5) and represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard on sensitive receptors (SCAQMD-D, pp. 1-1, 1-2). In addition, the proposed warehouse use would be a source of diesel particulate emissions which have the potential to increase the risk of cancer for sensitive receptors. Therefore, the Project may result in a **potentially significant impact**. Topic will be further analyzed and addressed in a forthcoming EIR.

d) **Less than significant impact.** The human nose is the best means of determining the strength of an odor; however, not all people are equally sensitive, and they do not always agree about the severity of an odor once it is detected. Therefore, precise documentation of the strength and nature of an odor is generally unavailable.

It is anticipated that the major potential sources of odor from the proposed Project would occur during construction, particularly from construction equipment exhaust. However, this impact would be limited to the immediate vicinity of the proposed Project site and short-term. The area immediately surrounding the proposed Project site is dominated by industrial land uses, vacant land, and legal non-confirming residential uses (GE).

The CARB developed an Air Quality and Land Use Handbook to outline common sources of odor complaints. The sources of odors include sewage treatment plants, landfills, recycling

facilities, and petroleum refineries (CARB-B). Odor impacts during Project operation will be minimal because the warehouse uses proposed on the Project site are not included on CARB's list of facilities that are known to be prone to generate odors. Potential sources of operational odors generated by the Project would include disposal of miscellaneous refuse. Consistent with City requirements, all Project generated refuse is required to be stored in covered containers and removed at regular intervals in compliance with solid waste regulations, thereby precluding substantial generation of odors due to temporary holding of refuse onsite. Moreover, construction-source odor emissions would be temporary, short-term, and intermittent in nature and would not result in persistent impacts that would affect substantial numbers of people. Thus, the Project would not result in other emissions such as those leading to odors adversely affecting a substantial number of people. Therefore, impacts are **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

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

References: ECORP, GP CE, NWI, ORD 1123, Project Description, RCA, RCHCA

Explanation of Checklist Answers

a) **Less than significant with mitigation incorporated.** The proposed Project site is located within the area subject to the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). Pursuant to the MSHCP, development projects within the planning area are required to prepare a biological resources assessment to analyze the biological resources within the project area. A biological resources assessment includes a reconnaissance-level survey and a literature review of public databases including the California Department of Fish and Wildlife (CDFW) California Natural Diversity Data Base (CNDDB), the California Native Plant Society's Electronic Rare Plant Inventory, range maps for special-status species, and other documentation pertinent to the project site and the region.

A *Biological Technical Report and MSHCP Consistency Analysis* was prepared by Ecorp Consulting Inc. dated September 2023 (ECORP) and is included as Appendix A to this Initial Study. The study was conducted utilizing a larger offsite footprint so it provides for a more conservative analysis of potential project impacts. The offsite footprint was subsequently reduced so as to not include areas south of Ethanac Road along Sherman or Trumble Roads as per **Figure 2** above. Hence, some of the information or potential impacts reflected in the study are no longer applicable and are not discussed below. The Project site is located within the planning area for the MSHCP but is not located within any Conservation Areas. The site was reviewed for any focused survey requirements. While the Project site is located outside survey areas for amphibians, small mammals, Delhi-sands, flower-loving fly and other criteria, the Project site is located within a MSHCP-designated survey area for Western Burrowing Owl (BUOW). (ECORP, pp. 28, 31).

A literature review and biological reconnaissance surveys were conducted on November 9, 2022 and January 17, 2023, covering both the Project site and offsite improvement alignment plus a 500-foot buffer. The surveys were conducted to identify any potential biological resources that could be affected by the proposed Project, pursuant to the terms of CEQA and for the purposes of identifying any biological constraints that would affect the proposed site plan for the Project. The surveys were conducted in accordance with the Western Riverside County MSHCP. The MSHCP provides information on plant and wildlife species of concern to the County of Riverside and outlines goals for their conservation. Information on the MSHCP can be found at www.rctlma.org (Riverside County Land Management Agency [RCTLMA] 2022). The Project would be subject to county, state, and federal regulations regarding compliance with the federal Endangered Species Act (ESA), California ESA, Migratory Bird Treaty Act (MBTA), and California Fish and Game Code. (ECORP, p.1).

The Project site is currently vacant, disturbed, undeveloped and devoid of any trees. The vegetation observed is composed of mostly nonnative forbs and grasses. Scattered trash and evidence of off-highway vehicle use was also observed on the site. Additionally, most of the site showed evidence of mechanical disturbance and based on aerial imagery, it appears to have been regularly disturbed over the last 20 years, likely associated with annual weed. The Project site is bounded by an open lot with a similar vegetative composition of disturbed nonnative grasslands to the west, Sherman Road and residential developments to the east, commercial development to the north, and Ethanac Road and commercial developments to the south. Nonnative plant species present in this community included primarily nonnative grasses and weedy species such as Bermuda grass (*Cynodon dactylon*), cheeseweed (*Malva parviflora*), pigweed amaranth (*Amaranthus albus*), shortpod mustard (*Hirschfeldia incana*), wild oat (*Avena* sp.), bromegrass (*Bromus diandrus*), and Russian thistle (*Salsola tragus*). Native species present in this community at the time of the survey included telegraph weed (*Heterotheca grandiflora*), common sunflower (*Helianthus annuus*), and jimson weed (*Datura wrightii*). In addition, scattered trees were observed within the Project Footprint such as gum trees (*Eucalyptus* sp.), juniper (*Platycladus* sp.), olive tree (*Olea europaea*), mule fat, and tree of heaven (*Ailanthus altissima).* The urban/developed classification includes areas where anthropogenic disturbance has resulted in permanent impacts such as roads, buildings, and other development. Urban/developed areas have little to no vegetation. Urban/developed is not a vegetation classification, but rather a land cover type and is not typically restricted to a known elevation. The urban/developed land cover

constitutes primarily the roads along Trumble Road, Illinois Avenue, Ethanac Road, and Sherman Road. (ECORP, pp. 14, 17-18).

The literature review and database searches identified 43 special-status plant species. Of these 43 special-status plants, two were found to have a moderate potential to occur within the overall study area due to the presence of marginally suitable habitat and records within 5 miles: smooth tarplant and Parry's spineflower. These plant species are MSHCP covered species so additional surveys are not required.

A total of six species had a low potential to occur onsite and 35 plant species were presumed absent. One special status species, paniculate tarplant, was observed within the 500-foot buffer. However, this species has a California Rare Plant Rank (CRPR) of 4.2 (limited distribution in California) and does not have the same protections as plant species with a rank of 1B. As such, impacts to this species are not considered significant. The site is highly disturbed and no additional sensitive plant species were observed during the biological surveys. No impacts to special-status plant or narrow endemic plant species are expected to occur as a result of the Proposed Project. (ECORP, p. 25).

Of the 56 special-status wildlife species identified in the literature search, one bird species was present during the biological reconnaissance survey: California horned lark (Watch List species). Marginally suitable habitat for this sensitive bird species including the herbaceous nonnative forbs and grasses occurs within the Project footprint. Additionally, the large gum trees and other ornamental trees located within the offsite impact areas may provide nesting habitat for nesting birds and raptors. Potential nesting habitat for migratory birds and raptors protected by the Migratory Bird Treaty Act (MBTA) and California Department of Fish and Game (CDFG) code was present within and adjacent to the Project footprint in some of the larger trees and shrubs. Additionally, the open areas and ground could be suitable for some ground nesting species (e.g., mourning dove, killdeer). Raptors typically breed between February and August, and songbirds and other passerines generally nest between March and August. There is potential for nesting to occur within the study area due to the presence of suitable nesting habitat. If construction occurs during the nesting season (generally between February 1 and September 15 although the nesting season may be extended due to weather and drought conditions) implementation of mitigation measure **MM BIO-1** would ensure that no nesting birds, regardless of their listing status, would be significantly impacted through compliance with CDFG Code Section 3503 and the Migratory Bird Treaty Act. (ECORP, pp. 24-25).

> **MM BIO-1: Preconstruction Survey for Nesting Birds.** In order to avoid violation of the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code Sections 3503, 3503.5, and 3513, site preparation activities (ground disturbance, construction activities, staging equipment, and/or removal of trees and vegetation) for the Project shall be avoided, to the greatest extent possible, during the nesting season of potentially occurring native and migratory bird species.
>
> If site-preparation activities are proposed during the nesting/breeding season, the Project proponent shall retain a qualified biologist to conduct a pre-activity field survey prior to the issuance of grading permits for the Project to determine if

active nests of species protected by the MBTA or the California Fish and Game Code are present in the construction zone. The nest surveys shall include the Project site and adjacent areas where Project activities have the potential to cause nest failure. The survey results shall be provided to the City's Planning Division. The Project proponent shall adhere to the following:

1. The Project proponent shall designate a biologist (Designated Biologist) experienced in: identifying local and migratory bird species of special concern; conducting bird surveys using appropriate survey methodology; nesting surveying techniques, recognizing breeding and nesting behaviors, locating nests and breeding territories, and identifying nesting stages and nest success; determining/establishing appropriate avoidance and minimization measures; and monitoring the efficacy of implemented avoidance and minimization measures.

2. Pre-activity field surveys shall be conducted at the appropriate time of day/night, during appropriate weather conditions, no more than 3 days prior to the initiation of Project development activities. Surveys shall encompass all suitable areas including trees, shrubs, bare ground, burrows, cavities, and structures. Survey duration shall take into consideration the size of the project site; density, and complexity of the habitat; number of survey participants; survey techniques employed; and shall be sufficient to ensure the data collected is complete and accurate.

If no nesting birds are observed during the survey, site preparation and construction activities may begin conducted during the nesting/breeding season. However, if active nests (including nesting raptors) are located then avoidance or minimization measures shall be undertaken in consultation with the City of Perris and the CDFW. Measures shall include immediate establishment of an appropriate buffer zone to be established by a qualified biologist, and approved by the City of Perris, based on their best professional judgement and experience. The buffer around the nest shall be delineated and flagged, and no construction activity shall occur within the buffer area until a qualified biologist determines nesting species have fledged and the nest is no longer active or the nest has failed. The biologist shall monitor the nest at the onset of Project activities, and at the onset of any changes in such Project activities (e.g., increase in number or type of equipment, change in equipment usage, etc.) to determine the efficacy of the buffer. If the biologist determines that such Project activities may be causing an adverse reaction, the biologist shall adjust the buffer accordingly or implement alternative avoidance and minimization measures, such as redirecting or rescheduling construction or erecting sound barriers. All work within these buffers will be halted until the nesting effort is finished (i.e., the juveniles are surviving independent from the nest). The onsite biologist shall review and verify compliance with these nesting avoidance buffers and shall verify the nesting effort has finished. Work can resume within these avoidance areas when no other active nests are found. Upon completion of the survey and nesting bird

monitoring, a report shall be prepared and submitted to City of Perris Planning Division for mitigation monitoring compliance record keeping.

A total of seven wildlife species were determined to have moderate potential to occur within the study area: BUOW, loggerhead shrike, California glossy snake, red-diamond rattlesnake, ferruginous hawk, San Diego black-tailed jackrabbit, and Stephens' kangaroo rat (SKR). Six of these species are covered by the MSHCP and, other than SKR, which is federally listed (Threatened), none of the other species are listed under the federal or California Endangered Species Acts. These wildlife species are covered under the MSHCP and considered adequately conserved; no additional surveys or mitigation are required. Although potential impacts to SKR are covered by the MSHCP and SKR HCP, impacts to SKR habitat within the SKR HCP area would require mitigation fee payment. California glossy snake is not covered under the MSHCP. This species, if present, could be subject to direct impacts through ground disturbance and indirect impacts from noise, vibrations, and increased human activity related to Project activities. However, this species is only expected to occur in very low densities and Project-related impacts would not be expected to contribute to the overall decline of populations for these species due to the lack of high-quality habitat within the study area, the site's history of anthropogenic disturbances, and the presence of urban development adjacent to the Project site. Hence, impacts to California glossy snake would not be considered significant under CEQA and additional surveys and mitigation are not necessary. (ECORP, pp. 25-26).

A total of seven wildlife species have a low potential to occur onsite. Five of the seven species are covered under the MSHCP and considered adequately conserved and will not require additional surveys or mitigation. The remaining two species include Crotch bumble bee and Jacumba pocket mouse. These species, if present, could be subject to direct impacts through ground disturbance and indirect impacts from construction noise, vibrations, and increased human activity related to the development of the Project site. However, due to the lack of suitable habitat within the impact area, the site's long history of anthropogenic disturbances, and the presence of urban development immediately adjacent to the study area, these species, if present in the impact area, are only expected to occur in very low densities and Project-related impacts would not be expected to contribute to the overall decline of populations for these species; therefore, impacts to these species would not be considered significant and additional surveys and mitigation are not necessary. (ECORP, pp. 26-27).

The Project site is located within the MSHCP Burrowing Owl (BUOW, *Athene cunicularia*) Survey Area and is subject to the MSHCP burrowing owl survey requirements. A BUOW habitat assessment concurrently with the biological reconnaissance survey to determine the presence of suitable habitat. Biologists walked the study area which included a 500-foot buffer to identify the presence of owl habitat, scanning for suitable habitat using binoculars in areas that were inaccessible by foot. A focused burrow survey was conducted where suitable burrows were documented within the study area and in some areas of the 500-foot buffer, where accessible. This is a requirement under Part 2A of the WR-MSHCP Burrowing Owl Survey Instructions Protocol-level BUOW surveys were conducted during the breeding season (March 1 through August 31) as required under Part 2B of the WR-MSHCP Burrowing Owl Survey Instructions and consisted of four separate surveys conducted throughout the Project footprint, and within the 500-foot buffer where accessible. The surveys were conducted on four separate days in March, April, and May 2023 by qualified biologists. The biologists walked pedestrian transects spaced

20 to 30 meters apart across the entire study area where access was permissible. In areas that were inaccessible, binoculars were used to scan for the presence of BUOW. Additionally, all the encountered burrows were marked during the surveys. Burrows, rocky areas, or manufactured materials within the BUOW study area were visually inspected for potential BUOW occupation. All burrows encountered were inspected for presence or sign of BUOW (e.g., whitewash, pellets, feathers, and/or prey remains) and classified according to the guidelines in the CDFG Staff Report. Data collected for each burrow included the condition and size of the burrow, number of entrances, presence of BUOW sign near the burrow, and location. The biologists used GPS to mark the location. Burrows were individually numbered and classified into two categories based on definitions found in the CDFG Staff Report: occupied burrow or potential burrow. Burrows classified as occupied showed signs (e.g., whitewash, feathers, pellets, and/or bones of prey outside the burrow), indicating BUOW presence and/or use at some point in time. Potential burrows were defined as burrows that are large enough for a BUOW but do not show sign of use by the species. Data was recorded on survey sheets and photographs were taken. Although potentially suitable habitat was present in the study area, no BUOW or occupied burrows (e.g., burrows containing whitewash, pellets, feathers, bones of prey items) were observed during the protocol-level focused surveys for BUOW. Implementation of mitigation measures **MM BIO-2** and **MM BIO-3** would reduce any potential impacts to BUOW. (ECORP, pp. 12, 31).

> **MM BIO-2: Preconstruction Surveys for Western Burrowing Owl.** The Project proponent shall retain a qualified biologist to conduct a pre-construction survey for resident burrowing owls within 30 days prior to commencement of initial ground-disturbing activities (e.g., vegetation clearing, clearing, and grubbing, grading, tree removal, site watering, equipment staging) at the Project site. The survey shall include the Project site and all suitable burrowing owl habitat within a 500-foot buffer. The results of the survey shall be submitted to the City of Perris Planning Division prior to obtaining a grading permit. In addition, a pre-construction survey for resident burrowing owls shall also be conducted within three days prior to commencement. If burrowing owls are observed during the Migratory Bird Treaty Act (MBTA) nesting bird survey (mitigation measure MM BIO-1, to be conducted within three days of ground disturbance or vegetation clearance, the observation shall be reported to the CDFW and the US Fish and Wildlife Service (USFWS). If ground disturbing activities in these areas are delayed or suspended for more than 30 days after the pre-construction survey, the area shall be resurveyed for owls. The pre-construction survey and any relocation activity will be conducted in accordance with the current Burrowing Owl Instruction for the Western Riverside MSHCP.
>
> If burrowing owl are not detected during the pre-construction survey, no further mitigation is required.
>
> If burrowing owl are detected, the CDFW shall be sent written notification within three days of detection of burrowing owls.
>
> If active nests are identified during the pre-construction survey, the Project applicant shall not commence activities until no sign is present that the burrows

are being used by adult or juvenile owls or following CDFW approval of a Burrowing Owl Plan as described below.

If owl presence is difficult to determine, a qualified biologist shall monitor the burrows with motion-activated trail cameras for at least 24 hours to evaluate burrow occupancy.

The qualified biologist and Project applicant shall coordinate with the City of Perris Planning Division, the US Fish and Wildlife Service (USFWS), and the CDFW to develop a Burrowing Owl Plan to be approved by the City in consultation with the CDFW and the USFWS prior to commencing project activities. The Burrowing Owl Plan shall be prepared in accordance with guidelines in the CDFW Staff Report on Burrowing Owl (March 2012) and MSHCP. The Burrowing Owl Plan shall describe proposed avoidance, minimization, relocation, and monitoring as applicable. The Burrowing Owl Plan shall include the number and location of occupied burrow sites and details on proposed buffers if avoiding the burrowing owls and/or information on the adjacent or nearby suitable habitat available to owls for relocation. If no suitable habitat is available nearby for relocation, details regarding the creation and funding of artificial burrows (numbers, location, and type of burrows) and management activities for relocated owls may also be required in the Burrowing Owl Plan. The permittee shall implement the Burrowing Owl Plan following CDFW and USFWS review and concurrence. A final letter report shall be prepared by the qualified biologist documenting the results of the Burrowing Owl Plan. The letter shall be submitted to CDFW prior to the start of project activities. The onsite qualified biologist will verify the nesting effort has finished according to methods identified in the Burrowing Owl Plan. When the biologist determines that burrowing owls are no longer occupying the Project site per the criteria in the Burrowing Owl Plan, Project activities may begin.

MM BIO-3: If burrowing owl are discovered to occupy the Project Site after Project activities have started, then construction activities shall be halted immediately. The Project proponent shall notify the CDFW and the USFWS within 48 hours of detection. A Burrowing Owl Plan, as detailed in mitigation measure MM BIO-1, shall be implemented. The Burrowing Owl Plan shall be submitted to the CDFW for review and approval within two weeks of detection and no Project activity shall continue within 1,000 feet of the burrowing owls until the CDFW approves the Burrowing Owl Plan. The Project proponent shall be responsible for implementing appropriate avoidance and mitigation measures, including burrow avoidance, passive or active relocation, or other appropriate mitigation measures as identified in the Burrowing Owl Plan.

Hence, the Project site is vacant and disturbed, while offsite areas are largely developed/disturbed. Thus, with implementation of mitigation measures **MM BIO-1**, **MM BIO-2**, and **MM BIO-3**, compliance with the MSHCP and payment of SKR fees, the Project would not result in substantial adverse effects, 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. Therefore, impacts would be **less than significant with mitigation incorporated** and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **No impact.** As previously stated in *Threshold 6.4.a* above, the Project site and offsite impact areas are disturbed and vacant or disturbed and developed and do not include any riparian/riverine habitat. Thus, the Project would not have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **No impact.** As previously stated in Threshold 6.4.a above, the Project footprint has been modified so does not include any protected wetlands or jurisdictional features. Thus, the Project would not 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. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **Less than significant impact.** As previously stated in *Threshold 6.4(a)* above, the Project site is highly disturbed. While the study area likely provides wildlife movement opportunities due to its open and unimpeded land, the Project site's value as a corridor is lessened by the fact that it borders residential development to the north and south and is disturbed due to anthropogenic factors. No migratory wildlife corridors or native wildlife nursery sites were identified within the study area. (ECORP, p. 27). Thus, the Project would not interfere substantially with the movement of any native resident or migratory fish, wildlife species, established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites. Therefore, **less than significant impacts** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **Less than significant impact.** The City of Perris has adopted an ordinance (Ordinance No. 1123) to establish a local development mitigation fee for funding the preservation of natural ecosystems in accordance with the MSHCP (ORD 1123) and has also adopted the following General Plan policies for the protection of biological resources (GP CE, pp. 46-47):

Goal II	Preservation of areas with significant biotic communities.
Policy II.A	Comply with state and federal regulations to ensure protection and preservation of significant biological resources.
Measure II.A.2	Public and private projects, located in areas with potential for moderate or high plant and wildlife sensitivity, require biological surveys as part of the development review process.
Measure II.A.3	Public and private projects that are also subject to federal or State approval with respect to impacts to Water of the U.S. and/or Streambeds require evidence of completion of the applicable federal permit process prior to the issuance of a grading permit.

Goal III	Implementation of the Multi-Species Habitat Conservation Plan (MSHCP).
Policy III.A	Review all public and private development and construction projects and any other land use plans or activities within the MSHCP area, in accordance with the conservation criteria procedures and mitigation requirements set forth in the MSHCP.

However, as previously stated in *Threshold 6.4(a)* above, the Project site does not contain sensitive biological resources since the Project site is highly disturbed. Further, the Project applicant would be required to pay the applicable MSHCP fees pursuant to Ordinance No. 1123. Thus, the Project would not conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance. Therefore, **less than significant impacts** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

f) **Less than significant with mitigation incorporated.** The MSHCP requires project consistency with Sections 6.1.1 (Property Owner Initiated Habitat Evaluation and Acquisition Negotiation Strategy), 6.1.2 (Protection of Species within Riparian/Riverine Areas and Vernal Pools), 6.1.3 (Protection of Narrow Endemic Plant Species), 6.1.4 (Urban Wildlands Interface), 6.3.2 (Additional Survey Needs and Procedures), 6.4 (Fuels Management), Appendix C (Standard Best Management Practices), and 7.5.3 (Construction Guidelines). As a Permittee to the MSHCP, the City is required to ensure that all projects are consistent with these Sections of the MSHCP.

Consistency with MSHCP Section 6.1.1

The Project site is not located within a MSHCP Criteria Cell as identified under Section 6.1.1, *Property Owner Initiated Habitat Evaluation and Acquisition Negotiation Strategy (HANS)*. Further, the Project footprint does not fall within, nor is it adjacent to, Public Quasi-Public (PQP) or other MSHCP Conserved Lands (COR PQP). (ECORP, p. 28). Thus, the proposed Project is consistent with Section 6.1.1 of the MSHCP.

Consistency with MSHCP Section 6.1.2

Section 6.1.2, *Protection of Species Associated with Riparian/Riverine Areas, and Vernal Pools,* of the MSHCP requires that projects develop avoidance alternatives, if feasible, that would allow for full or partial avoidance of riparian/riverine areas. Section 6.1.2 of the MSHCP defines Riparian/Riverine areas as "lands which contain Habitat dominated by trees, shrubs, persistent emergent, or emergent mosses and lichens, which occur close to, or which depend upon soil moisture from a nearby fresh water source; or areas with freshwater flow during all or a portion of the year." The proposed Project footprint is highly disturbed and does not support riparian, riverine, fairy shrimp and vernal pool habitats and no species associated with these habitat types are present on the site. As such, no focused surveys are required nor is a MSHCP Determination of Biologically Equivalent or Superior Preservation (DBESP) report. Thus, the proposed Project is consistent with Section 6.1.2 of the MSHCP. (ECORP, pp. 31-32).

Consistency with MSHCP Section 6.1.3

Section 6.1.3, *Protection of Narrow Endemic Plant Species*, of the MSHCP requires that within identified Narrow Endemic Plant Species Survey Areas (NEPSSA), site-specific focused surveys for Narrow Endemic Plants Species will be required for all public and private projects where

appropriate soils and habitat are present. The Project site does not occur within an MSHCP predetermined Survey Area for narrow endemic plant species and is therefore not required to survey for any narrow endemic plants. Thus, the Project is consistent with Section 6.1.3 of the MSHCP. (ECORP, p. 30).

Consistency with MSHCP Section 6.1.4

Section 6.1.4, *Guidelines Pertaining to the Urban/Wildlife Interface,* outlines the minimization of indirect effects associated with locating development in proximity to a MSHCP Conservation Area. The Project site is not located adjacent to an existing or proposed MSHCP Conservation Area. Thus, the Project is consistent with Section 6.1.4 of the MSHCP. (ECORP, p. 30).

Consistency with MSHCP Section 6.3.2

Section 6.3.2, *Additional Survey Needs and Procedures,* requires additional surveys for certain species if a project is located within criteria areas shown on *Figure 6-2 (Criteria Area Species Survey Area)*, *Figure 6-3 (Amphibian Species Survey Areas with Critical Area)*, *Figure 6-4 (Burrowing Owl Survey Areas with Criteria Area)* and *Figure 6-5 (Mammal Species Survey Areas with Criteria Area)* of the MSHCP. The Project site does not occur within the Amphibian Species Survey Area, Mammal Species Survey Area, Narrow Endemic Plant Survey Area, Criteria Area Species, or Invertebrate Survey Area. However, the Project site does require a focused Western Burrowing Owl survey, which was conducted as discussed in *Threshold 6.4.a,* above. With implementation of mitigation measures **MM BIO-2** and **MM BIO-3**, impacts to BUOW are less than significant. Thus, focused surveys were conducted as required so the Project is consistent with Section 6.3.2 of the MSHCP. (ECORP, p. 31).

Consistency with MSHCP Section 6.4

Section 6.4, *Fuels Management,* of the MSHCP provides guidelines to address brush management activities around new development within, or adjacent to, MSHCP Conservation Areas. The Project Site is not located adjacent to an existing or proposed MSHCP Conservation Area so this section is not applicable to the proposed Project (ECORP, p. 28). Therefore, the Project is consistent with MSHCP Section 6.4.

MSHCP Appendix C and Section 7.5.3

The MSHCP's Appendix C, *Standard Best Management Practices* and Section 7.5.3, *Construction Guidelines*, lists standard best management practices and guidelines to be implemented during project construction that will minimize potential impacts to sensitive habitats in the vicinity of a project. The guidelines relate to water pollution and erosion control, equipment storage, fueling, and staging, dust control, exotic plant control and timing of construction. Implementation of mitigation measure **MM BIO-1** would address potential construction impacts to nesting birds and mitigation measures **MM BIO-2** and **MM BIO-3** for BUOW. Further, Sherman Road is a publicly maintained MSHCP cover road. Safety improvements to publicly maintained existing roadways and necessary operation and maintenance activities conducted for safety purposes within Public/Quasi-Public Lands are Covered Activities. Covered maintenance activities include signage, traffic control devices, guardrails and fences, pavement repairs, accident response, tree trimming, natural disaster damage/restoration of emergency access, storm drainage, weed control, grading shoulders (up to 12 feet), grading existing dirt roadways, dust stabilization, culverts/drop structures, curbs/gutters/sidewalks, roadway widening, berms, roadway resurfacing, ditch clearing, landscape maintenance, bridge maintenance, and roadway reconstruction. Guidelines are

provided in Section 7.3.5 of the MSHCP, which would minimize and avoid impacts to sensitive species and habitats occurring adjacent to the existing roadway. The best management practices in Appendix C of the MSHCP would be applied as appropriate. Thus, with mitigation and compliance with Appendix C of the MSHCP, the proposed Project is consistent with Appendix C and Section 7.5.3 of the MSHCP.

Hence, with implementation of mitigation measures **MM BIO-1**, **MM BIO-2**, and **MM BIO-3,** the proposed Project would not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. Therefore, **less than significant impacts** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

6.5 Cultural Resources	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	☒	☐	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	☒	☐	☐	☐
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☒	☐	☐	☐

References: GP CE, Project Description

Explanation of Checklist Answers

a) **Potentially significant impact.** The City's GP identified approximately ten (10) historic archaeological sites which occur within the City and ninety-eight (98) historic sites which occur within City limits (GP CE, p. 19). Furthermore, the GP defines areas that might hold more cultural resources sites than other areas (GP CE, p. 20). The proposed Project site is located within an area of low-density, with a probability of one (1) or fewer sites per quarter mile (GP CE, Exhibit CN-6). Nonetheless, between the late 1940s and late 1990s, residences and farm structures were developed along the southern property boundary adjoining Ethanac Road. The southern portion of the Project site now contains a 50-square-foot concrete pad in the approximate location of a former residence. In addition, a potential abandoned 12-inch-diameter well was observed in the southeast corner of the Project site. A site-specific cultural resources assessment will be prepared for the Project to identify any potentially historical resources pursuant to State CEQA Guidelines §15064.5. Therefore, the Project may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** As discussed in *Threshold 6.5(a)*, the proposed Project site is located in an area with a generally low-density probability for cultural resources, including archaeological resources. Nonetheless, since the Project site is currently vacant and undeveloped then there is the potential for archaeological resources to be discovered during construction activities. Accordingly, a site-specific cultural resources survey will be conducted at the Project site to identify any archeological resources that may potentially be impacted by development. Causing a change in the significance of an archaeological resource may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

c) **Potentially significant impact.** No known cemeteries are located within the Project site. However, construction activities may have the potential to uncover human remains, including those interred outside of formal cemeteries. As such, the potential exists for previously unknown human remains to be discovered at the site during project construction activities. Disturbing previously undiscovered human remains may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

6.6 Energy	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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?	☒	☐	☐	☐

References: Project Description

Explanation of Checklist Answers

a) **Potentially significant impact.** Implementation of the Project would require energy consumption during both construction and operation activities. Since the Project site is currently vacant, implementation of the Project would increase the amount of energy consumed within the Project site. To determine the severity of Project-related impacts regarding wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation, additional analysis is required. Thus, the Project may result in a **potentially significant impact** due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** Implementation of the Project would result in development of a vacant site. As such, the amount of energy consumed within the Project site would increase. To determine the severity of Project-related impacts regarding energy, additional analysis is required to determine whether the Project would conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Therefore, the Project may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

6.7 Geology and Soils	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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 onsite or offsite 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 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?	☒	☐	☐	☐

References: DOC, GE, GP CE, GP SE, GP DEIR, SCG-A, SCG-B

Explanation of Checklist Answers

a.i) **No impact.** A *Geotechnical Investigation Report* was prepared by Southern California Geotechnical (SCG) in February 2022 (SCG-A) as well as a *Limited Geotechnical Investigation*

prepared by SCG dated May 1, 2023, for the offsite footprint related to storm drain and roadway improvements (SCG-B); both of which are included as Appendix B to this IS. The Project site is not located within the Alquist-Priolo Earthquake Fault Zone (SCG-A, p. 9). While seismic activity is known to exist throughout Southern California, there are no known faults running through or near the Project site that would result in substantial effects. The Project site is located approximately 23.8 miles west of the San Jacinto Fault Zone and approximately 11.17 miles east of the Elsinore Fault Zone (DOC; GE). The possibility of significant fault ruptures at the Project site is considered to be low because no evidence of faulting is visible (SCG-A, p. 9). Further, the Project's design will be consistent with the recommended seismic parameters included in the *Geotechnical Investigation Report* and meet or exceed the seismic standards in the current California Building Code (CBC). Thus, the Project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of known earthquake fault. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

a.ii) **Less than significant impact.** Although there are no faults identified within the City limits, there are several active faults within the Southern California region that may contribute to ground shaking at the Project site, including: San Andreas, San Jacinto, Cucamonga, and Elsinore Faults (GP DEIR, p. VI-10). Since ground shaking and earthquake activity is typical of the Southern California area, the proposed Project would be required to be designed consistent with current California Building Codes, requiring structures to be designed to meet or exceed the seismic safety standards set forth therein (SCG-A, p. 10). Thus, the Project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking. Therefore, impacts are **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

a.iii) **Less than significant impact.** Liquefaction occurs when intense vibrations from an earthquake cause saturated soil to lose stability and act more like a liquid than a soil (GP SE, p. 29). There are multiple areas within the City susceptible to liquefaction. However, the proposed Project site is not located within a moderate, high, or very high liquefaction susceptibility area (GP SE, p. 28). Additionally, Riverside County identifies the Project site as having low liquefaction susceptibility (SCG, p. 10). Furthermore, the subsurface exploration conducted as part of the *Geotechnical Investigation* determined that subsurface conditions encountered at the boring locations were not considered to be conducive to liquefaction (SCG-A, p. 10). Specifically, the subsurface conditions consist of moderate to high strength alluvial soils underlain by bedrock, with no evidence of a long-term groundwater table within the depths explored by the boring.

A *Limited Geotechnical Investigation* was also prepared by SCG dated May 1, 2023, related to the offsite footprint for storm drain and roadway improvements (SCG-B) also included in Appendix B of this IS. Subsurface exploration conducted for this Project consisted of seven borings (identified as Boring Nos. B-1 through B-7) advanced to depths of approximately 5 to 20 feet below the existing site grades. Boring's B-1 through B-3 were performed within Illinois Avenue, as part of the storm drain improvements, while boring's B-4 through B-7 were performed in the proposed street widening areas, adjacent to Ethanac Road and Sherman Road. (SCG-B, p 2).

Asphalt concrete (AC) pavements were encountered at the ground surface at borings B-1 through B-3, which were drilled within Illinois Avenue. At these locations, the pavement sections consist of approximately 5 to 7.5 inches of AC, underlain by approximately 4 to 8 inches of

aggregate base. Artificial fill soils were also encountered at the ground surface at most of the boring locations, extending to depths of approximately 2.5 to 5.5 feet below the existing site grades. The fill soils consist of loose to medium dense silty fine sands and clayey fine sands, with varying medium sand and clay content, and fine sandy clays. The fill soils possess a disturbed and mottled appearance, resulting in their classification of artificial fill. Native alluvium was encountered beneath the artificial fill soils or at the ground surface at all the boring locations, extending to at least the maximum depth explored of approximately 20 feet. The older alluvium generally consists of medium dense to very dense silty sands, clayey sands, and fine sandy silts with varying medium to coarse sand, and very stiff to hard fine sandy clays. (SCG-B, p. 3).

Free water was not encountered during the drilling of any of the borings. Based on the lack of water within the borings and the moisture contents of the recovered soil samples, the static groundwater table is considered to have existed at a depth in excess of approximately 20 feet at the time of the subsurface exploration. The nearest monitoring well is located directly south of Illinois Avenue where water level readings indicate a high groundwater level of approximately 95 feet below the ground surface in September 1995. (SCG-B, p. 3).

Hence, liquefaction is not considered to be a design concern for this Project (SCG-A, p. 11). Thus, the Project will not directly, or indirectly, cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction. Therefore, impacts are **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

a.iv) **No Impact.** The City is located on a flat broad basin. The City's western and southern areas contain steep slopes (30 percent gradient or higher) and are identified as areas susceptible to landslides (GP SE, p. 30). The Project site is located within the southeastern portion of the City, which is relatively flat (GP SE, p. 31). The Project site's overall topography is relatively flat and gently slopes downward to the northwest at a gradient of less than one percent (SCG-A, p.4). Since the Project site is not in an area prone to slope instability and not susceptible to landslides, implementation of the Project would not directly, or indirectly, cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including landslides. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **Less than significant impact.** The Project site is characterized as generally flat, descending gradually to the northwest. Development of the Project site would result in the development of vacant and underutilized parcels. Construction would include the grading, moving, and compaction of soils at the site, followed by building construction. Trenching, grading, and compacting associated with construction of structures, modification/relocation of underground utility lines, and landscape/hardscape installation could expose areas of soil to erosion by wind or water during these construction processes. As such, construction activities have the potential to result in soil erosion or the loss of topsoil. Further, the *Geotechnical Investigation* identified that near surface soils possess appreciable silt and clay content and may become unstable if exposed to significant moisture infiltration or disturbance by construction traffic. Due to their granular content, some of the onsite soil could also be susceptible to erosion. Thus, the Project site would be required to be graded to prevent ponding of surface water and to prevent water from running into excavations. (SCG-A, p. 17).

One of the major effects of erosion is sedimentation in receiving waters. However, erosion control standards are set by the Regional Water Quality Control Board (RWQCB) through administration of the National Pollutant Discharge Elimination System (NPDES) permit process for storm drainage discharge. The NPDES permit requires implementation of nonpoint source control of stormwater runoff through the application of a number of Best Management Practices (BMPs). BMPs are required to reduce the amount of constituents, including eroded sediment, that enter streams and other water bodies to the maximum extent practicable. A Storm Water Pollution Prevention Plan (SWPPP), as required by the RWQCB, must describe the stormwater BMPs (structural and operational measures) that would control the quality (and quantity) of stormwater runoff.

Additionally, sites greater than one acre in size are subject to the provisions of the General Construction Activity Stormwater Permit adopted by the State Water Resources Control Board (SWRCB). Developers must submit a Notice of Intent (NOI) to the SWRCB for coverage under the Statewide General Construction Activity Stormwater Permit and must comply with all applicable requirements, including the preparation of a SWPPP, applicable NDPES Regulations, and BMPs. The SWPPP must describe the site, the facility, construction period erosion and sediment controls, runoff water quality monitoring, means of waste disposal, implementation of approved local plans, control of post-construction sediment and erosion, maintenance responsibilities, and non-stormwater management controls. Inspection of construction sites before and after storms is required to identify stormwater discharge from the construction activity and to identify and implement controls where necessary. Because the site is over one acre in size, the Project will be required to comply with all applicable requirements of the General Construction Activity Stormwater Permit, including the preparation of a SWPPP, applicable NDPES Regulations, and BMPs.

All construction activities would also be required to comply with Chapter 33 of the CBC, which regulates excavation activities and the construction of foundations and retaining walls, grading activities, including drainage and erosion control. Likewise, the City performs stormwater monitoring and enforcement activities. In the developed condition, the addition of paved and landscaped areas would, over the long term, decrease the potential for erosion because less exposed soils would exist at the sites.

Thus, through compliance with these standard regulatory requirements, the construction of the proposed Project is not anticipated to result in substantial soil erosion or the loss of topsoil. Through compliance with standard state and federal requirements and recommendations outlined in the *Geotechnical Investigation Report,* the Project would not result in substantial soil erosion or loss of topsoil. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **Less than significant impact.** Lateral spreading is a phenomenon in which soils move laterally during seismic shaking and is often associated with liquefaction. The amount of movement depends on the soil strength, duration and intensity of seismic shaking, topography, and free face geometry. Seismic ground subsidence (not related to liquefaction induced settlements) occurs when strong earthquake shaking results in the densification of loose to medium density sandy soils above groundwater. The potential for geological hazards induced by lateral spreading is considered low and only minor subsidence may occur at the Project site (SCG-A, p. 9, 12). As such, the *Geotechnical Investigation Report* provides site development and design

recommendations that would be incorporated into the grading plans prepared for the proposed Project.

It is expected that shoring may be required during excavation for the storm drain line along portions of the existing street segments. The proposed shoring is also expected to be required in order to protect the existing utility lines located on the proposed storm drain line alignment. Geotechnical recommendations assume that the retained soil heights will extend to depths of approximately 10 to 15 feet and any surcharge loads would be setback at least 10 feet from the face of the shoring. Any excavation related to the offsite improvements would be required to comply with the recommendations of the *Limited Geotechnical Investigation* (SCG-B, p. 8).

The Project would be required to adhere to the measures identified in the California Building Code and applicable standards of the City's Grading Ordinance to reduce potential impacts resulting from unstable soil conditions. Additionally, as discussed in *Thresholds 6.7(a.iii)* and *6.7(a.iv),* the Project site is located in a relatively flat area so landslides do not pose a significant risk and liquefaction is not considered to be a significant design concern.

Older native alluvial soils were encountered at the ground surface at all of the boring locations, extending to depths of at least 5.5 feet to 25 feet below ground surface both within the Project site and in the offsite improvement areas. The older alluvium generally consists of stiff to hard fine sandy clays, fine to coarse sandy clays and medium dense to very dense clayey fine to medium sands. Granodiorite to Tonalite bedrock was encountered beneath the older alluvium at depths of 5.5 feet to 12 feet below ground surface, extending to the maximum depths explored of 15 feet to 25 feet. The bedrock generally consists of medium dense to very dense gray-brown, highly weathered, friable, fine- to coarse-grained granodiorite to tonalite. (SCG-A, p. 5). Collapsible soils typically occur in areas with young and very young alluvial sediments due to their low density, rapid deposition in alluvial fans, and the generally dry condition of their upper soils. The proposed building area is underlain by relatively high strength older alluvial soils. Based on soil samples, near surface soils may be subject to minor consolidation settlement when loaded. In order to provide more uniform support characteristics below the floor slab and foundation areas, and to help limit potential differential settlements, some remedial grading is considered warranted within the proposed building pad area in order to remove the upper portion of the existing soils and replace them as compacted structural fill. This recommended remedial grading would remove the upper portion of the near-surface native alluvium and replace these soils as compacted structural fill. The native soils that would remain in place below the recommended depth of over excavation generally possess favorable consolidation characteristics and would not be subject to significant load increases from the foundations of the new structure. Provided that the recommended remedial grading is completed, the post-construction static settlements of the proposed structure is expected to be within tolerable limits. (SCG-A, p.11).

Thus, the Project is not 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 onsite or offsite landslide, lateral spreading, subsidence, liquefaction, or collapse. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **Less than significant impact.** Expansive soils swell when subjected to moisture and shrink when dried. The UBC mandates that "special [foundation] design consideration" be employed if the Expansion Index (EI) is 20, or greater. Laboratory testing performed on a representative sample of the near surface soils indicates that these materials possess a medium expansion

potential (EI = 62). Based on the presence of expansive soils at this site, recommendations of the *Geotechnical Investigation* recommend proper moisture conditioning and maintenance of moisture content of all building pad subgrade soils to a moisture content of 2 to 4 percent above the American Society for Testing and Materials (ASTM) D-1557 optimum, during site grading. (SCG-A, p.11). As such, the *Geotechnical Investigation Report* provides site development and design recommendations that are required to be incorporated into the grading plans prepared for the proposed Project to be approved by the City prior to issuance of grading permits. These plans are also required to be prepared in conformance with applicable standards of the City's Grading Ordinance. Development of the Project, consistent with applicable standards and the recommendations included in the *Geotechnical Investigation*, would reduce impacts from expansive soils. Thus, the Project would not create substantial direct or indirect risks to life or property due to expansive soil. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **No impact.** The Project site will connect to the existing sewer system and will not require the use of septic tanks. Thus, soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater is not applicable to the proposed Project. Therefore, **no impacts** are anticipated so this topic will not be further analyzed and addressed in the forthcoming EIR.

f) **Potentially significant impact.** The Perris Valley floor is composed of Quaternary alluvium, which has developed as a result of erosion out of the batholithic and minor Aeolian deposition. Near the surface, this material is too young to exhibit fossils. However, it is possible that at depths beyond five feet below the modern ground surface, fossils may be found. (GP CE, p. 26). Paleontological sensitivity has been broken into five geographic regions within the City. The Project site is located in Area 2 which is identified as High Sensitivity due to its Pleistocene older fan deposits. The older fan deposits have a high potential to contain significant fossil resources (GP CE, pp. 26-27). Hence, construction-related and earth-disturbing actions may have the potential to impact previously undiscovered fossils in rock units. Therefore, the Project may result in a **potentially significant** impact. This topic will be further analyzed and addressed in a forthcoming EIR.

6.8 Greenhouse Gas Emissions	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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?	☒	☐	☐	☐

References: Project Description

Explanation of Checklist Answers

a) **Potentially significant impact.** Implementation of the Project would incorporate light industrial uses which may result have the potential to generate greenhouse gas (GHG) emissions above SCAQMD thresholds during construction and operational activities. Thus, the Project may have the potential to generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment. Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** As discussed in *Threshold 6.8(a)* above, the Project may have the potential to increase GHG emissions to levels that may impact the environment. Thus, the proposed Project may have the potential to conflict with any applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

6.9 Hazards/Hazardous Materials	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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 material?	☐	☐	☒	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☒	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter-mile of an existing or proposed school?	☐	☐	☐	☒
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☒
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise or 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?	☐	☐	☐	☒

References: AICUZ, ALUC-A, ALUC-B, ALUC-C, ALUC-D, CALFIRE, CCR, DTSC, GCI, GE, GP SE, MC

Explanation of Checklist Answers

a) **Less than significant impact.** The routine transport, use, and disposal of hazardous materials can result in potential hazards to the public through accidental release. Such hazards are typically associated with certain types of land uses, such as chemical manufacturing facilities, industrial processes, waste disposal, and storage and distribution facilities.

Construction

Construction of the Project site would involve the transport of fuels, lubricants, and various other liquids for operation of construction equipment. These materials would be transported to the Project site by equipment service trucks. In addition, workers would commute to the Project via private vehicles and would operate construction vehicles and equipment on public streets. Hence, the potential exists for direct impacts to human health and the environment from accidental spills of hazardous materials during Project construction through the transport, use, and disposal of construction-related hazardous materials such as fuels, lubricants, and solvents. However, several federal and state agencies prescribe strict regulations for the safe transportation of hazardous materials. Hazardous material transport, storage and response to upsets or accidents are primarily subject to federal regulation by the United States DOT Office of Hazardous Materials Safety in accordance with Title 49 Part 171-180 of the CFR. Title 49 Part 171-180 regulates the safe transportation of hazardous materials and requires appropriate documentation for all hazardous waste that is transported. OSHA protects workers from being killed or seriously harmed at work: specifically, 29 CFR §§1910 and 1926 address the handling of toxic materials. Cal OSHA, under 8 CCR §§337-340, specifies requirements for employee training, availability of safety equipment, accident prevention programs, and hazardous substance exposure warnings. Management of Hazardous Waste, under CCR Title 22 Division 4.5, establishes permits for the storage and disposal of hazardous material that cannot be disposed of in landfills. The California Hazardous Waste Control Law, under Chapter 6.95 of the Health and Safety Code, describes strict regulations for the safe transportation and storage of hazardous materials. Compliance with all applicable laws and regulations will reduce potential impacts associated with routine transport, use, or disposal of hazardous materials.

The transportation of hazardous materials can result in accidental spills, leaks, toxic releases, fire, or explosion. Further, it is possible that licensed vendors may bring some hazardous materials to and from the Project site as a result of the proposed Project. However, appropriate documentation for all hazardous waste that is transported in connection with specific Project-site activities would be provided as required for compliance with existing hazardous materials regulations codified in Titles 8, 22, and 26 of the CCR, and their enabling legislation set forth in Chapter 6.95 of the CHSC. In addition, future users would be required to comply with all applicable Federal, State, and local laws and regulations pertaining to the transport, use, disposal, handling, and storage of hazardous waste, including but not limited to the United States Department of Transportation (DOT) Office of Hazardous Materials Safety Title 49 of the CFR, and implemented by Title 13 of the CCR which prescribes strict regulations for the safe transportation of hazardous materials. Compliance with the applicable federal and state laws related to the transportation of hazardous materials would reduce the likelihood and severity of accidents during transit.

Operation

The LI designations allow for the assembly of non-hazardous products and materials. Because the exact tenants of the proposed buildings are unknown at this time, there is the potential that hazardous materials such as petroleum products, pesticides, fertilizer, and other household hazardous products may be stored and transported from the proposed facility during operation. However, these hazardous materials would not be manufactured at the Project site and would only be stored short-term before transport. The transportation of hazardous materials can result in accidental spills, leaks, toxic releases, fire, or explosion. Further, it is possible that licensed

vendors may bring some hazardous materials to and from the Project site as a result of the proposed Project. However, appropriate documentation for all hazardous waste that is transported in connection with specific Project-site activities would be provided as required for compliance with existing hazardous materials regulations codified in Titles 8, 22, and 26 of the CCR, and their enabling legislation set forth in Chapter 6.95 of the CHSC. In addition, future users would be required to comply with all applicable Federal, State, and local laws and regulations pertaining to the transport, use, disposal, handling, and storage of hazardous waste, including but not limited to the United States Department of Transportation (DOT) Office of Hazardous Materials Safety Title 49 of the CFR, and implemented by Title 13 of the CCR which prescribes strict regulations for the safe transportation of hazardous materials. Compliance with the applicable federal and state laws related to the transportation of hazardous materials would reduce the likelihood and severity of accidents during transit.

Thus, because the proposed Project would be required to comply with all applicable federal and state laws related to the transportation, use, storage and response to upsets or accidents that may involve hazardous materials, it will not create a significant hazard to the public or the environment through the routine transportation, use, or disposal of hazardous materials

Further, development within the City is subject to regulation and monitoring by the Department of Environmental Health of the Riverside County Community Health Agency as part of the requirements of the California Environmental Protection Agency (EPA) (GP DEIR, p VI-16). Thus, through compliance with all applicable federal, state, regional and local laws, the Project will not result in a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous material. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **Less than significant impact.** The Phase I Environmental Site Assessment dated April 2023 (hereinafter referred to as the *Phase I ESA*) was prepared for the Project site by Geosyntec Consultants, Inc (GCI) and is included as Appendix C of this Initial Study. The *Phase I ESA* was prepared in accordance with the ASTM International (ASTM) Standard E 1527-13 Standard Practice for environmental site assessments (ESAs) to evaluate the Project site for potential recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), or historic recognized environmental conditions (HRECs). As part of the *Phase I ESA*, a site reconnaissance was conducted on November 9, 2022, as well as a records review. The following databases were reviewed: Federal, State, and local environmental databases, historical aerial photographs, historical topographic maps, fire insurance maps, city directories, local authority permits and records, and available property tax information. (GCI, p. 11).

The search of environmental databases identified 45 site listings for properties within one mile of the Project site, some of which were in databases indicative of releases. Listed sites located greater than one-quarter mile from the Project site were not evaluated because they are not anticipated to adversely affect the site based on their location and proximity. All others were considered unlikely to adversely impact the Project site (GCI, p. 13).

The Project site is vacant and appears to have been recently tilled and does not contain any structures. The *Phase I ESA* indicates a potential abandoned agricultural well consisting of a damaged 12-inch diameter steel pipe was observed in the southeast corner of the site and that the Project site was previously used for agricultural purposes (row crops and/or pastures) since at least the late 1930's. By 1949, the site appears to have included a homestead with a small farm and/or residential structures in the southern portion of the site. Between the late 1940s and

late 1990s, residences and farm structures were developed along the southern property boundary adjoining Ethanac Road. From 2012 to 2018, no building footprints are depicted at the site. Based on the time frame of the observed clearings, it is possible that pesticides or herbicides (considered hazardous substances) or petroleum products were used onsite. However, no indication of pesticide/herbicide usage was found as part of the *Phase I ESA*. Hence, the findings are considered a *de minimis* condition which is a condition that generally does not present a threat to human health or the environment that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Further, no HRECs in connection with the Project site exist. (GCI, pp. 5-6, 17, 25-26, 28-29).

As previously stated, the Project site does not contain buildings or structures. Scattered debris piles containing used tires, one compressed natural gas (CNG) cannister, fencing materials, and general plastic/glass trash were observed throughout the Project site but largely concentrated along sites southern boundary. Small piles of aggregate (concrete and asphalt) were observed near the Project site boundaries. The southern portion of the Project site contains imported fill material and a 50-square-foot concrete pad in the approximate location of a former residence. Other improvements observed include several pedestals along the east site boundary marking the location of a buried EMWD Telemetry cable and a potential abandoned 12-inch-diameter well was observed in the southeast corner of the Project site. The results of the site reconnaissance provided no indication of releases, ground surface staining, or other impacts from the solid waste/debris listed here. Hence, the findings are considered a *de minimis* condition and there are no RECs in connection with the Project site. (GCI, pp. 6, 28-29).

Based on the results of the Phase I ESA, no evidence of RECs or HRECs in connection with the Project site exist (GCI, p. 25). Additionally, de minimis conditions were associated with the Project site, in relation to solid waste/debris and historical agricultural land, neither of which generally present a threat to human health or the environment. (GCI, p. 29). As such, implementation of the Project would not create a significant hazard to the public or environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **No impact.** There are no existing or proposed schools within a one-quarter-mile radius of the proposed Project site. The closest existing schools to the Project site are Romoland Elementary School (approximately 0.6 mile east of the proposed Project site) and Hans Middle School (approximately 1.7 miles south of the Project site). Thus, the Project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school because there are no existing or proposed schools within one-quarter-mile of the proposed Project site. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **No impact.** According to the Department of Toxic Substances Control (DTSC) Cortese list, compiled pursuant to Government Code Section 65962.5, no hazardous materials sites are located within or adjacent to the Project site. The environmental database resources consulted as part of the *Phase I ESA* identified three sites within one-quarter mile of the Project site that were evaluated due to their potential to adversely affect the site based on location and proximity. (GCI, p. 12).

- Trimline Automotive Interiors / Top Tech Auto & Sons / Gencorp Auto Body Shop located at 27271 Ethanac Road Suite 104 (adjoining south across Ethanac Road, hydraulically down to cross-gradient from the Project site). The site was listed in the listed in the EDR HIST AUTO database from 1985 to 2014 as an auto supply store, automotive repair shop, and automotive transmission repair shop. It is also listed in the CERS and CERS HAZ Waste databases, and other non-release databases, and received multiple notices of violation (NOV) for administrative issues (failure to maintain copies of manifests, submit emergency response plans, submit business plans, employee training, etc.). Other than an NOV for oil spilled on the ground or pooled on top of drums, no violations or reported releases were identified at the property. However based on the information provided it is considered unlikely that this property has adversely affected the Project site. (GCI, p. 13).
- Chaney's Automotive / Longs Enterprises dba Longs Automotive / Ethanac Smog located at 27411 Ethanac Road (adjoining south across Ethanac Road, (hydraulically down to cross-gradient from the Project site). The site was listed in the EDR HIST AUTO, Leaking Underground Storage Tank (LUST), CERS HAZ WASTE, and other non-release databases. The facility was issued various administrative violations during compliance inspections by the Riverside County Department of Environmental Health. No violations associated with a spill or release were reported. A LUST case was opened in 1992 for a release of waste oil affecting soil. The case was closed and issued No Further Action (NFA) in 2000. The Case Closure Summary report indicates groundwater is located approximately 112 to 200 feet below ground surface (bgs). Based on the case closure status, distance and hydraulic direction from the site, and lack of groundwater impact, it is considered unlikely that this property has adversely Impacted the site. (GCI, p. 13).
- Arco Celestino at 27391 Ethanac Road (adjoining south across Ethanac Road, hydraulically down to cross gradient from the site). The property is listed on the EDR HIST AUTO database in 2002 as a gasoline service station. This property is not listed on any databases indicative of a spill or release. Based on the lack of a documented release, it is considered unlikely that this property has adversely impacted the site. (GCI, p. 13).
- Richard Whitaker dba Chute Systems, Earth Systems Southwest, Amanda Langston and Top Promotional Products at 1622-1794 Illinois Avenue (adjoining north across Illinois Avenue, hydraulically down to cross gradient from the site) were listed in the RCRA–- Non Generators / No Longer Regulated (RCRA NONGEN/NLR) database as nonhazardous waste generators. No violations were found. Based on the nature of these listings, it is considered unlikely that this property has adversely impacted the site. (GCI, pp. 13-14).
- West Coast Yamaha Inc. dba Langston Motorsport at 1622 Illinois Avenue, Suite 1 (adjoining north across Illinois Avenue, hydraulically down to cross gradient from the site) was listed in the CERS HAZ WASTE, CERS, Facility and Manifest Data (HAZNET), Hazardous Waste Tracking System (HWTS), and RCRA NONGEN/NLR databases. The facility generated hazardous materials and petroleum products associated with vehicle maintenance. No violations were reported for a spill or release. Based on the nature of these listings, it is considered unlikely that this property has adversely impacted the site. (GCI, p. 14).

- Pro Structural and Summit Equipment Rentals at 26105 Sherman Road (adjoining south across Sherman Road, hydraulically cross gradient from the site) were listed in the RCRA NONGEN/NLR database as non-hazardous waste generators. No violations were found. Based on the nature of these listings, it is considered unlikely that these properties have adversely impacted the site. (GCI, p. 14).
- North County Sand & Gravel at 26227 Sherman Road (adjoining south across Sherman Road, hydraulically cross gradient from the site) was listed in the CERS HAZ WASTE, CERS TANKS, CERS, and RCRA NONGEN/NLR databases. The facility is a truck maintenance/storage yard. Hazardous materials used at the property include diesel and oils stored in aboveground storage tanks. A violation was issued for minor staining beneath new oil and waste oil secondary containment pallets. Absorbent was applied to the spill. The facility cleaned the absorbent and returned to the compliance. Based on the minor nature of the release, it is considered unlikely that this property has adversely impacted the site. (GCI, p. 14).
- Cal Trans at 27644 Highway 74 is located approximately 1,150 feet northeast, hydraulically cross gradient of the Project site. The site was listed in the LUST database for a gasoline release affecting soil in 1989 but was closed with a "No Further Action" issued in 1994. Based on the case closure status, distance and hydraulic direction from the site, and the lack of groundwater impact it is considered unlikely that this property has adversely impacted the Project site. (GCI, p. 14).
- Six abandoned mines were reported within a 0.25-mile radius of the site. The mines were used for construction sand and gravel. (GCI, p. 14).

The *Phase I ESA* concluded that the above properties were not considered to be significant environmental concerns to the Project site based on several factors including the nature of the regulatory databased listing, the case closures, the distance of the listed properties to the Project site, and the hydraulic direction of the site comparatively to the Project site. Thus, the Project would not be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would not create a significant hazard to the public or the environment. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **Less than significant.** The proposed Project site is located just over 2 miles northwest of the Perris Valley Airport and Skydiving Center (GE). The Perris Valley Airport and Skydiving Center is a privately owned and privately used airport (ALUC-A, p. 1-2). The proposed Project site is also located approximately 11 miles southeast of March Air Reserve Base/Inland Port Airport (MARB/IPA). The March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan (MARB/IPA ALUCP) divides the area close to the airport into zones based on proximity to the airport and perceived risks. The proposed Project site is located within the Airport Compatibility Zone D. Zone D represents the area on the periphery of flight corridors where the risk concern is primarily for uses such as high intensity uses in confined areas where the consequences could be severe. This area is also located within the 55 dBA Community Noise Equivalent Level (CNEL) noise contour where potential noise impacts from MARB/IPA are considered moderate to low with concerns focused primarily on individual loud events.

The Project site is also located within the 2018 MARB Air Installations Compatible Use Zones (AICUZ) Study area. The purpose of this study is to promote public health, safety, and general

welfare in areas surrounding the base while seeking development compatible with the defense flying mission. The AICUZ Program recommends that noise levels, Clear Zones (CZs), Accident Potential Zones (APZs), and flight clearance requirements associated with military airfield operations be incorporated into local community planning programs in order to maintain the airfield's operational requirements while minimizing the impact to residents in the surrounding community. The Project site is not located within any APZ.

The City's noise compatibility standards in the Perris Municipal Code Section 19.51.080, prevents the establishment of noise-sensitive land uses such as new residences, schools, libraries, museums, hotels, motels, hospitals, nursing homes, places of worship, in portions of the airport environ that are exposed to significant levels of aircraft noise. The proposed Project site is located within the 55 dBA CNEL aircraft noise contour (ALUC-B, p. 3). However, the proposed Project use is not noise-sensitive land use. As such, the proposed Project would not expose people working in the Project area to excessive noise levels from aircraft operations.

Because the proposed Project site is located within the Airport Compatibility Zone D, the Project is required to be reviewed by the Riverside County Airport Land Use Commission (ALUC) for a consistency determination. As required by Perris Municipal Code Chapter 19.51 March ARB/IP Airport Overlay Zone (AOZ), development within the (AOZ) must be compatible with the ALUCP. The Airport Land Use Commission (ALUC) requires a review and consistency determination when any project is seeking legislative action. The Project was reviewed by ALUC and determined to be consistent with the MARB/IPA LUCP on June 8, 2023 (ALUC-C). Due to a site plan change which placed the basin underground to provide more truck trailer parking subsequent to the June 2023 hearing, the site plan was reviewed again by ALUC staff pursuant to Policy 1.5.2(d) of the Countywide Policies of the 2004 Riverside County Airport Land Use Compatibility Plan and was determined by the ALUC Director to be consistent on August 22, 2023 (ALUC-D). Both consistency determinations are included as Appendix C of this Initial Study. Thus, implementation of the Project would not expose people residing or working in the project area to a safety hazard or excessive noise for people residing or working in the project area. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

f) **Less than significant impact.** The Project site is located along Ethanac Road and Sherman Road which have both been identified as Evacuation Routes by the City GP (GP SE, p.11). These roadways are identified as potential evacuations routes due to their connectivity to other major highways and roadways within Riverside County (GP SE, p. 10.) The City of Perris participates in the County of Riverside Multi-Jurisdictional Local Hazard Mitigation Plan (LHMP) which outlines requirements for emergency access and standards for emergency responses. It is anticipated that all local roadways would remain open during Project construction and operation. Hence, the Project would not result in closures of local roadways that may have an effect on emergency access in the vicinity of the Project site. Further, construction activities occurring within the Project site would comply with all conditions, including grading permit conditions regarding fire access, and would not restrict access for emergency vehicles responding to incidents on the site or in the surrounding area. Thus, the Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

g) **No impact.** The City has been identified by the California Fire Alliance as a Community at Risk and assigned the highest category for wildfire risk (GP SE, p. 20). The Project site and surrounding areas include vacant land. The surrounding area also includes existing non-conforming residential uses and industrial uses. The area is planned for future commercial, business park, and light industrial land uses. The proposed Project site is not located adjacent to any wildlands or any undeveloped hillsides where wildland fires might be expected (GE SE, p. 19). Further, the Project site is not located within or near a State Responsibility Area (SRA) or in an area that is identified as being in a very high fire hazard severity zone according to the Fire Hazard Severity Zones in the SRA Map produced by the California Department of Forestry and Fire Protection (CALFIRE). Furthermore, the Project site does not contain natural features that would exacerbate wildland fire risk. Therefore, no direct or indirect significant risk of loss, injury or death involving wildland fires would occur. Thus, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

6.10 Hydrology and Water Quality	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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 ground water quality?	☒	☐	☐	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin)?	☐	☐	☒	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or through the addition of impervious surfaces in a manner which would:				
(i) result in substantial erosion or siltation onsite or offsite;	☒	☐	☐	☐
(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?	☒	☐	☐	☐

References: FEMA, GE, GP SE, GP DEIR, USGS

Explanation of Checklist Answers

a) **Potentially significant impact.** The City is located within the San Jacinto River Watershed, which drains an approximately 540-square-mile area of western Riverside County and ultimately to its terminus in Lake Elsinore. The only major tributary to the San Jacinto River within the City of Perris is the earthen Perris Valley Channel (GP DEIR, p. IV-48). The San Jacinto River is not listed on the 2002 list of Clean Water Act 303(d) impaired water bodies. However, Canyon Lake and Lake Elsinore, downstream of the City of Perris, are listed for excessive nutrients/pathogens and nutrients/sediment/unknown toxicity, respectively (GP DEIR, p. IV-67). Development of the Project site would increase the amount of impervious surface area at the site including parking areas, sidewalks, roadways, and rooftops. All sources of runoff may carry pollutants and

therefore have the potential to degrade water quality to a level below water quality standards or waste discharge requirements. As such, because the proposed Project would increase the amount of impervious surfaces at the site, the Project may potentially violate water quality standards, waste discharge requirements, or otherwise substantially degrade surface or ground water quality. Therefore, the Project may result in a **potentially significant** impact. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Less than significant impact.** The City of Perris is located within the San Jacinto River Watershed, which drains an approximately 540-square-mile area of western Riverside County. The San Jacinto River flows from the San Jacinto Mountains, across the San Jacinto Valley, through the City of Perris, to Railroad Canyon Reservoir, and finally to its terminus in Lake Elsinore, southwest of Perris. The Santa Ana River Water Quality Control Plan (WQCP) divides the San Jacinto Watershed into 14 groundwater subbasins. The City of Perris lies above Perris South I, Perris South II, and Perris South III sub-basins. The Santa Ana Watershed Project Authority's combines these three sub-basins into two Groundwater Management Zones (GMZ), referred to as Perris North and Perris South. (GP DEIR, pp. IV-48 to IV-49). The Project site is located within the Perris South GMZ.

All three groundwater sub-basins are listed for municipal and agricultural beneficial uses. Water quality objectives have only been established for total dissolved solids (TDS) for each of the three sub-basins. Groundwater quality in the Perris sub-basin is generally of poor quality due to high concentrations of TDS and nutrients resulting from past and present agricultural runoff. Due to high TDS and nutrient levels, groundwater is no longer used for domestic purposes and only partially used to meet agricultural demand. The EMWD, which serves the Perris area, supplements agricultural needs with low TDS water imported from the State Water Project. (GP DEIR, pp. IV-48 to IV-50)

Implementation of the proposed Project would increase the amount of impervious surfaces within the EMWD's service area and may have the potential to impact the amount of water which percolates back into the local groundwater basin. The Project site encompasses approximately 20 gross acres plus an additional 12 acres within roadway ROW for potential offsite improvements. Although the amount of impervious surface will increase due to Project construction, the area of the Project site is negligible compared to the groundwater basin. Further, groundwater from this GMZ is not utilized for domestic purposes and will not be required as part of any agricultural land use. As such, the proposed Project would not substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin. Therefore, this impact would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

c.i) **Potentially significant impact.** There are no streams or rivers currently mapped within the Project site (USGS). As such, the Project would not alter an existing stream or river. However, implementation of the proposed Project would introduce impervious surfaces throughout the Project site which may generate more onsite runoff that moves faster than the existing condition which may result in erosion onsite or offsite if erosive surfaces are present. During construction, if erosive surfaces are present, and the Project is greater than one acre, the Project would be required to comply with the Construction General Permit (CGP) and implement an effective

SWPPP for the control and minimization of non-stormwater runoff that could adversely affect downstream waterbodies. A Drainage Study will be needed to determine the site's existing hydrologic conditions and determine capacity of existing drainage facilities. Post construction, the Project would be required to provide a Preliminary Project-Specific Water Quality Management Plan (WQMP) to identify how water will be treated prior to leaving the site or entering any storm drain facilities. As such, the proposed Project may 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 may potentially result in substantial erosion or siltation onsite or offsite. Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

c.ii) **Potentially significant impact.** There are no streams or rivers currently mapped within the Project site (USGS). As such, the Project would not alter an existing stream or river. However, implementation of the proposed Project would introduce impervious surfaces throughout the Project site which may generate more onsite runoff that moves faster than the existing condition which may result in onsite or offsite flooding. A Preliminary Drainage Study would be needed to determine the site's existing hydrologic conditions and determine the capacity of existing drainage facilities. Thus, the proposed Project may 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 substantially increase the rate or amount of surface runoff in a manner which would result in flooding onsite or offsite. Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

c.iii) **Potentially significant impact.** There are no streams or rivers currently mapped within the Project site (USGS). As such, the Project would not alter an existing stream or river. However, the Project will have the potential to introduce pollutants during and after construction. Pursuant to the CGP, the Project would be required to implement an effective SWPPP for the control and minimization of non-stormwater runoff that could adversely affect downstream waterbodies during construction. Construction of the Project is not expected to be significantly different or unique than a typical construction site. As such, standard Best Management Practices (BMPs), such as gravel bags, silt fencing, and fiber rolls, are anticipated to be adequate for the Project. Post construction, implementation of the proposed Project would also introduce impervious surfaces throughout the Project site which may generate more onsite runoff that moves faster than the existing condition. A Drainage Study and project-specific Preliminary WQMP would be required to determine the site's existing hydrologic conditions, capacity of existing drainage facilities, and how the Project will need to treat water prior to leaving the site. Thus, the proposed Project may 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 may create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted run. Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

c.iv) **Potentially significant impact**. According to the Flood Insurance Rate Map (FIRM) prepared by the Federal Emergency Management Agency (FEMA) (Panel No. 06065C2060H, effective August 18, 2014), the Project site is located in "Zone X – Other Flood Areas." These are defined as "areas of 0.2 percent annual chance flood; areas of 1 percent annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by

levees from 1 percent annual chance flood." Nonetheless, the proposed Project may 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 may impede or redirect flood flows. Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

d) **Less than significant impact.** The Project site is located in "Zone X – Other Flood Areas" and is not located within a flood hazard zone (FEMA). A seiche is a surface wave created when a body of water is shaken, usually by earthquake activity.

Seiches are of concern relative to water storage facilities because inundation from a seiche can occur if the wave overflows a containment wall, such as the wall of a reservoir, water storage tank, dam, or other artificial body of water. Because of the distance from the proposed project site to surrounding large water bodies and reservoirs, inundation due to seiche is unlikely. The Project is not located within an identified seiche zone.

Tsunamis are a type of earthquake-induced flooding that is produced by large-scale sudden disturbances of the sea floor and can result in an increased wave height and a destructive wave surge into low-lying coastal areas. Because tsunamis occur in coastal areas and the project is located approximately 40 miles east of the Pacific Ocean, inundation due to tsunami is unlikely (GE). The Project is not located within an identified tsunami zone.

Furthermore, the Project site is not located within a tsunami or seiche zone and is not located within the Dam Inundation Area for the Lake Perris Dam. (GP SE, p. 17). As such, the Project would not be exposed to the release of pollutants due to project inundation from flood, tsunami, or seiche. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **Potentially significant impact.** As mentioned in *Threshold 6.10(a),* the Project may conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. Therefore, impacts may be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

6.11 Land Use and Planning	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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 applicable land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☒	☐	☐	☐

References: Project Description

Explanation of Checklist Answers

a) **No impact.** The Project site has a General Plan Land Use designation of Community Commercial and zoning designation of Commercial Community. The Project applicant proposes to amend the General Plan land use designation and change the zoning designation to LI. The proposed Project site is undeveloped and the surrounding parcels generally consist of a mixture of vacant land, industrial, and non-conforming residential uses. The Project does not include any new roadways or structures that would physically divide the existing community. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **Potentially significant impact.** The City of Perris GP identifies several policies that have been adopted for the purpose of avoiding or mitigating an environmental effect. In addition, in 2022 the City adopted its Good Neighbor Guidelines for Siting New and/or Modified Industrial Facilities. Inconsistency with one or more of the applicable policies would result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

6.12 Mineral Resources	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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?	☐	☐	☐	☒

References: GP DEIR, COR GP DEIR

Explanation of Checklist Answers

a) **No impact.** The GP DEIR notes that lands within the City is either designated Mineral Resource Zone Three (MRZ-3) or Mineral Resource Zone Four (MRZ-4), as defined by the California Department of Conservation. (GP DEIR, p. VI-28.) The proposed Project site is located within Mineral Resource Zone Three (MRZ-3), as classified by the State Mining and Geology Board (COR GP DEIR, Figure OS-6). Within MRZ-3, available geologic information suggests that mineral deposits exist, or are likely to exist; however, the significance of the deposit is unknown. (GP DEIR, VI-28.) Due to the existing developments in proximity to the Project site, it is unlikely that a mining operation could feasibly function if significant resources were discovered in the future. Thus, the Project is not anticipated to 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. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **No impact.** No sites within the City of Perris have been designated as locally-important mineral resource recovery sites on any local plan (GP DEIR, p. VI-28). Therefore, **no impact** to the availability of a locally-important mineral resource recovery site would occur. No further evaluation of this topic is required in an ND, MND, or EIR.

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

References: ALUC-C, ALUC-D, GE

Explanation of Checklist Answers

a) **Potentially significant impact.** Construction and operation of the proposed Project would introduce new noise sources to the Project vicinity. The Project may 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. Therefore, impacts would be **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** During construction and operation activities, ground borne vibration may be experienced based on the equipment and methods employed. Thus, the Project may generate excessive groundborne vibration or groundborne noise levels. Therefore, impacts are **potentially significant**. This topic will be further analyzed and addressed in a forthcoming EIR.

c) **Less than significant impact.** As identified in *Threshold 6.9(e)* above, the proposed Project is located approximately 2.5 miles northwest of the Perris Valley Airport and Skydiving Center and approximately 11 miles southeast of MARB/IPA. As further identified in *Threshold 6.9(e)*, the Project site is located within the MARB/IPA ALUCP 55 dBA CNEL noise contour where potential noise impacts from MARB/IPA are considered moderate to low with concerns focused primarily on individual loud events. The southernmost offsite areas of the project consisting of roadway ROW are located beyond the 55 dBA CNEL noise contour where potential noise impacts from MARB/IPA are considered low with concerns focused primarily on occasional overflights that may be intrusive to some outdoor activities.

The City's noise compatibility standards in the Perris Municipal Code Section 19.51.080, prevents the establishment of noise-sensitive land uses such as new residences, schools, libraries, museums, hotels, motels, hospitals, nursing homes, places of worship, in portions of

the airport environ that are exposed to significant levels of aircraft noise. The proposed Project use is not a noise sensitive land use. As such, the proposed Project would not expose people working in the Project area to excessive noise levels from aircraft operations.

Further, the Project was reviewed by ALUC and determined to be consistent with the MARB/IPA ALUCP on June 8, 2023 (ALUC-C). Due to a site plan change which placed the basin underground to provide more truck trailer parking subsequent to the June 2023 hearing, the site plan was reviewed again by ALUC staff pursuant to Policy 1.5.2(d) of the Countywide Policies of the 2004 Riverside County Airport Land Use Compatibility Plan and was determined by the ALUC Director to be consistent on August 22, 2023 (ALUC-D). Both consistency determinations are included as Appendix C of this Initial Study. Thus, implementation of the Project would expose people residing or working in the project area to excessive noise levels. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

6.14 Population and Housing	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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 the extension of roads or other infrastructure)?	☐	☐	☒	☐
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	☒

References: COR GP DEIR-A, USCB, SCAG

Explanation of Checklist Answers

a) **Less than significant impact.** In 2021, the City's population was approximately 79,835 residents (DOF-A). The Southern California Association of Governments (SCAG) estimates that the population of Perris is expected to increase to about 116,700 by the year 2040 (SCAG, p.3). However, the proposed Project does not involve construction of any new homes and would not contribute to a direct increase in the City's population. The proposed Project may indirectly contribute to population growth within the City by creating jobs both during construction and operation. The Project is projected to create approximately 400 jobs[1]. (COR GP DEIR-A, p.3). However, it is anticipated that the majority of new jobs would be filled by workers who already reside in the Project vicinity and that the Project would not attract a substantial number of new residents to the City.

Although the proposed Project would include extension of storm drain infrastructure, this would be constructed for the purposes of serving the proposed Project's needs and would not cause additional growth within the cities of Perris and Menifee. The Project's proposal to amend the General Plan land use designation and change the zoning designation to LI would not result in a substantial change in the number of people in the area. Thus, implementation of the proposed Project would not substantially introduce unplanned population growth in an area, either directly or indirectly. Thus, impacts to population growth within the City and Project vicinity would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **No impact.** The Project site is currently vacant. Hence, no housing units would be displaced as a result of Project construction. Thus, the Project would not displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

1. Based on employment projection factor of 1,030 employees per square foot. (412,348 sf / 1030 employees per square foot = 400 employees)

6.15 Public Services	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
Would the project:				
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
a) Fire protection?	☐	☐	☒	☐
b) Police protection	☐	☐	☒	☐
c) Schools?	☐	☐	☒	☐
d) Parks?	☐	☐	☒	☐
e) Other public facilities?	☐	☐	☒	☐

References: GP SE, MC, GP DEIR, PESD, PUHSD

Explanation of Checklist Answers

a) **Less than significant impact.** The City provides fire protection by contract with the Riverside County Fire Department (RCFD). Under the RCFD, the City receives services from five (5) fire stations, which ensure adequate coverage and timely response to all parts of the City. (GP SE, p. 21). The fire stations closest to the Project site are: 1) Fire Station 101- City of Perris Battalion 1 located approximately 3.7 miles northwest from the Project site at 105 S. "F" Street; and 2) Fire Station 9 – Goodmeadow Battalion 1 located approximately 5.9 miles west from the Project site at 21565 Steele Road (GE, GP SE, p. 21). Due to its proximity to Fire Station 101, it is expected that this fire station would provide the first response to the proposed Project. However, Fire Station 9 could also potentially service the Project site. Perris Municipal Code (PMC) Section 19.68.020 – Development Impact Fees (DIF), establishes a developer impact fee to mitigate the cost of public facilities needed to offset the impact of developing new facilities to support fire services. Thus compliance with PMC Section 19.68.020 through payment of DIF would offset potential impacts to the local fire department. Thus, implementation of the Project would not result in substantial physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities; the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire protection. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **Less than significant impact.** The City provides police protection through a contract with the Riverside County Sheriff (GP SE, p. 10). The Perris police station is located at 137 North Perris Boulevard, approximately 3.9 miles northwest of the Project site. As stated in *Threshold 6.14(a),* PMC Section 19.68.020 – Development Impact Fees, establishes DIF to mitigate the cost of

public facilities to serve new development. As such, through compliance with PMC Section 19.68.020, payment of DIF would offset potential impacts to the local police department. Thus, the Project would not result in substantial physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities; the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for police protection. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **Less than significant impact.** The proposed Project site is located within the boundaries of the Perris Elementary School District and Perris Union High School District (PESD, PUHSD). The proposed Project would not directly create a source of school-aged children, as the Project does not include any residential land uses. It may indirectly affect schools by providing a source of employment that may draw new residents into the area. However, as stated in *Threshold 6.14(a)* above, it is anticipated that a majority of new jobs would be filled by workers who already reside in the area. Nonetheless, the Project would be required to comply with PMC Section 19.68.020 – Development Impact Fees, which requires the payment of appropriate developer impact fees, as required by state law, which shall be assessed and paid to each school district. Through compliance of PMC Section 19.68.020, payment of DIF would offset potential impacts to the local schools. Thus, the Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for schools. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **Less than significant impact.** The proposed Project would not directly require the construction or expansion of public recreational facilities as it does not include new residential uses. However, it may indirectly affect public recreational facilities by providing a source of employment that may draw new residents into the area. However, as mentioned in *Threshold 6.15(a)*, the Project would be required to comply with PMC Section 19.68.020 – Development Impact Fees, which requires the payment of appropriate developer impact fees to offset potential impacts to park facilities. Thus, the Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for parks. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **Less than significant impact.** The proposed Project would not directly increase the demand for library or other public services because it does not include new residential uses. The City of Perris contracts with the Riverside County Public Library System to provide library services at Cesar E. Chavez Library located at 163 E. San Jacinto Boulevard, approximately 3.8 miles north of the proposed Project site (GE, GP DEIR, p. IV-107). As mentioned in *Threshold 6.15(a)* above, the Project would be required to comply with PMC Section 19.68.020 – Development Impact Fees, which requires the payment of appropriate developer impact fees that will be used to construct new library facilities or expand existing library facilities subsequent to increased demand. However, development of the proposed Project would not result in the construction of

new or expanded library facilities. The nearest emergency medical service available to the proposed Project area is the Riverside County Regional Medical Facility in Moreno Valley, approximately 11.5 miles north of the Project site. Healthcare facilities are developed in response to perceived market demand by free enterprise (GP DEIR, p. IV-93). Hence, development of the proposed Project would not result in the construction of new or expanded medical facilities.

Thus, the Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for other public facilities. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

6.16 Recreation	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
Would/does the project:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☒	☐
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☒	☐

References: PMC, Project Description

Explanation of Checklist Answers

a) **Less than significant impact.** The Project is the proposed development of a warehouse and does not include any residential component that could create a direct increase in the use of public recreational facilities. Although the proposed Project may indirectly affect public recreational facilities by creating new jobs in the area which may draw new residents to the area, it is anticipated that individuals already residing in the Project vicinity would fill a majority of the jobs. Indirect impacts to park facilities will be offset through payment of Development Impact Fees (DIF) as identified required by PMC Section 19.68.020 – Development Impact Fees. Payment of DIF, that will be used to construct new recreational facilities or expand or replace existing recreational facilities subsequent to increase demand. Therefore, payment of DIF would reduce possible impacts to existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would not occur or be accelerated. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

b) **Less than significant impact.** Consistent with the Perris Municipal Code, Chapter 19.44 Industrial Zones, the Project includes outdoor employee amenities. Two outdoor patio areas are proposed: one patio area adjacent to the southwestern office and another patio area near the southeastern office area. Future tenants would provide indoor employee amenity areas. As such, the proposed Project would provide its own amenities but is not a use that would induce the construction or expansion of recreational facilities. The proposed Project may indirectly affect public recreational facilities by creating new jobs in the area which may draw new residents to the area, although it is anticipated that the majority of jobs will be filled by individuals already residing in the Project vicinity. However, incremental indirect impacts to park facilities would be offset via payment of applicable DIF outlined in PMC Section 19.68.020 - Development Impact Fees. Thus, the Project would not include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. Therefore, the Project would result in **less than significant impacts** and no further evaluation of this topic is required in an ND, MND, or EIR.

6.17 Transportation	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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?	☐	☐	☒	☐

References: GP SE, Project Description

Explanation of Checklist Answers

a) **Potentially significant impact.** Implementation of the Project would introduce light industrial uses to a currently vacant site, which may increase traffic volumes in the surrounding roadways. Since Project-related impacts have not been fully quantified, the Project may conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. Therefore, the Project may result in a **potentially significant** impact. This topic will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** The Project would introduce light industrial land uses to a currently vacant site, which may increase traffic volumes in the surrounding roadways. Thus, the Project may conflict or be inconsistent with State CEQA Guidelines Section 15064.3, subdivision (b). Therefore, the Project may result in a **potentially significant** impact. This topic will be further analyzed and addressed in a forthcoming EIR.

c) **Less than significant impact.** No sharp curves or other hazardous traffic conditions currently exist within the Project vicinity or on the Project site since the site is vacant and undeveloped. The proposed Project would be required to comply with all applicable City development standards and policies for providing pedestrian walkways and applicable bike lanes (if required) so as not to conflict with vehicular circulation. The Project would also include the improvement of roadways, which include safety and operational improvements to ensure that geometric roadway designs comply with all intersection sight distance requirements and are designed for safety. Access points would be limited to Trumble and Ethanac Roads to ensure that access and circulation accommodates vehicles (including emergency vehicles and trash trucks), pedestrians, and bicycles. The passenger vehicle parking area within the Project site would be separated from the truck activity areas to ensure pedestrian safety.

Thus, the proposed Project would not substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment) and would not include incompatible uses. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **Less than significant impact.** The proposed Project would be required to comply with all applicable fire code and City Fire Department requirements and standards for construction, access, water mains, fire flow, and fire hydrants. Prior to any site development or future project approvals, all plans would be required to be submitted to the fire marshal for review and verification that they conform to all pertinent fire standards and requirements. Thus, the Project would not result in result in inadequate emergency access because it would be required to comply with applicable fire codes. Thus, implementation of the proposed Project would not result in inadequate emergency access. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

6.18 Tribal Cultural Resources	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
Would the project:				
a) Cause a substantial adverse change in the significance of a tribal cultural resource defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	☒	☐	☐	☐
ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	☒	☐	☐	☐

References: GP CE, Project Description

Explanation of Checklist Answers:

a.i) **Potentially significant impact.** As discussed in *Threshold 6.5(a)*, the proposed Project site is located in an area with a low probability for cultural resources, including archaeological resources. Nonetheless, since the Project site is currently vacant and undeveloped, there is the potential for historic resources to be discovered during construction activities. Accordingly, a site-specific cultural resources survey will be conducted at the Project site to identify any potentially archeological resources that could potentially be impacted by development. Causing a substantial change in the significance of a historic resource may result in a **potentially significant impact**. This topic will be further analyzed and addressed in a forthcoming EIR.

a.ii) **Potentially significant impact.** The City, as lead agency, is required to coordinate with Native American Tribes through the Assembly Bill 52 (AB52) consultation process and Senate Bill 18 (SB18) as a result of the General Plan Amendment. On January 31, 2023, the City of Perris notified local tribal governments in writing of the proposed Project pursuant to AB52 pertaining to tribal cultural resources consultation. On January 31, 2023, the City also sent notification to local tribes pursuant to SB18. As these processes have yet to be concluded, the tribal knowledge and significance of potential tribal cultural resources, if any, has yet been determined. Thus, the Project may 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 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 Resource Code Section 5024.1. Therefore, impacts may be **potentially significant**. This topic will be addressed in a forthcoming EIR.

6.19 Utilities and Service Systems	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*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 inadequate 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?	☐	☐	☒	☐

References: CAL-B, CAL-C, CAL-D, GP CE, Project Description, PVRWRF, USEPA, UWMP, WCSMP, WSCP

Explanation of Checklist Answers:

a) **Potentially significant impact.** The Project includes construction of an on-site network of water, sewer, storm drain, electric, and gas. Currently there are existing water lines, sewer lines, telecommunications, and electrical lines adjacent to the Project site in Ethanac, Sherman and Trumble Roads to which the Project will connect. Additionally, the Project would underground existing electrical facilities. As such, the Project would not result in significant impacts with respect to these facilities.

The Project site currently slopes down at an approximately one percent grade to the west. The existing drainage pattern for the site and the general area is characterized by sheet flows that follow the slope to the west towards Trumble Road. The Project site is located within the Romoland Master Drainage Plan (MDP) watershed area. There are no existing storm drain facilities adjacent to the Project site but the Project site is naturally tributary to MDP Line A-11.

Onsite runoff would be conveyed throughout the site via proposed curb and gutters and captured by a network of drainage inlets that convey captured flows towards underground storage chambers before being pumped to a proposed biotreatment device for water quality treatment. Treated stormwater would then gravity flow to a proposed storm drain line in Trumble

Road, that connects to City of Perris Line A (City Line A) in Illinois Avenue. City Line A connects to MDP Line A-11 which ultimately connects to MDP Line A.

Offsite flows tributary to the Project site, from east of Sherman Road, would be collected via proposed catch basins in Sherman Road and conveyed via storm drain to an underground storage chamber system on the west side of the Project site. Flows would then be pumped out of the storage system and confluence with the onsite flows in the proposed storm drain line in Trumble Road and continue from there, as described above.

The Project applicant would construct offsite drainage facilities traveling north of the Project site in Trumble Road to Illinois Avenue to connect to the existing Line A-11 (an existing 36-inch to 48-inch reinforced concrete pipe).

Hence, the Project applicant would construct onsite drainage improvements as well as offsite drainage improvements in Trumble Road north of the Project site to Illinois Avenue and along Illinois Avenue from Trumble Avenue to I-215 in order to connect to MDP Line A-11 and ultimately MDP Line A. The Project would be generally consistent with the Romoland MDP since flows will ultimately drain to MDP facility Line A. It is anticipated that construction of any off-site drainage facilities would occur within roadway ROW.

Further, it is anticipated that construction of any off-site drainage facilities would occur within roadway right-of-way (ROW). Nonetheless, there is potential that these offsite storm drain improvements may result in potentially significant impacts so this topic needs to be further analyzed. Thus, the Project would not result in impacts due to the relocation or construction of new or expanded water wastewater treatment, electric power, natural gas, telecommunications, or relocation of which could cause a significant environmental so impacts related to these facilities would be less than significant. However, the Project may result in **potential significant impacts** due to the relocation or construction of new or expanded storm water drainage which could cause a significant environmental effect. Therefore, this topic will be further analyzed and addressed in a forthcoming EIR.

b) **Less than significant impact.** The EMWD's 2020 Urban Water Management Plan (UWMP) includes a water system analysis, identifies improvements to correct existing deficiencies and serve projected future growth, and presents the estimated costs and phasing of the recommended improvements. As concluded in the UWMP, the EMWD anticipates that it will be able to meet projected demand for water within its service boundaries until at least the year 2045 during normal and dry weather years. Further, the EMWD supply portfolio has a high degree of reliability. The local groundwater basins are managed to protect them from overdraft, and the EMWD participates in programs to bank water in the groundwater basins in wet years so that it can be used in dry years. The EMWD's imported water is provided by the Metropolitan Water District of Southern California (MWD), which has made extensive investments in programs to increase the reliability of its supply. In its 2020 UWMP, the MWD has shown the ability to continue to meet demands through 2045, even during an extended drought. The EMWD would benefit from the MWD's storage and supply programs and also expects that it can meet demands through 2045 during normal and dry conditions. (UWMP, p. E-2). The UWMP also includes a Water Shortage Contingency Plan, which the EMWD is to implement in cases of future water deficiencies caused by limitations on supply or the EMWD's delivery system. At the time of long- or short-term drought conditions, or other emergencies, the EMWD would inform their customers of the need to conserve water and impose penalties for non-compliance with mandatory water use reductions. Compliance with mandatory water use reductions would

ensure that the EMWD has the ability to meet present and projected demand within its service area during dry years. (WSCP, p. 1).

Over 90 percent of the EMWD's customers are residential so a substantial portion of the EWWD's future year water demand forecasts are based on the population projections of SCAG, which rely on the adopted land use designations contained within the general plans that cover the geographic areas within the EMWD's service area. (WSCP, p. 1). The Project site has a General Plan Land Use designation of Community Commercial and zoning designation of Commercial Community. While the Project applicant proposes to amend the General Plan land use designation and change the zoning designation to LI, this would not result in increased population. Further, water demand for commercial land use is greater than the demand for industrial use (UWMP, p. 4-2). As such, the proposed GPA and zone change would actually result in less water demand than originally projected for the Project site. Thus, the EMWD would have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

c) **Less than significant impact.** The EMWD's Perris Valley Regional Water Reclamation Facility (PVRWRF) is the largest of its four wastewater treatment operating plants. The PVRWRF receives approximately 128 million gallons per day (mgd) of sewage. The plant produces tertiary-treated water and can store more than 2 billion gallons of recycled water for use by surrounding agricultural, sports fields, parks, and landscape customers. The facility has an ultimate capacity of 100 mgd. This facility allows the EMWD to not only meet the projected demands of anticipated development in the region, but also to meet more stringent environmental requirements for wastewater treatment and recycled water quality. The facility also includes two 300 kilowatt fuel cells powered by methane gas from three anaerobic sludge digesters. Those methane-gas powered fuel cells provide approximately 30 percent of the power needed to run the facility, significantly reducing the EMWD's reliance on the region's power grid and stabilizing future energy costs. In addition, the facility has a 1 megawatt (1,000 kilowatts) solar array that has reduced electrical energy needs for the plant. As such, this facility has the ability to meet the current and future demands of the region as well as help to meet the increasing demand for recycled water throughout the EMWD service area. (PVRWRF).

Based upon the EMWD's wastewater generation rate of 300 gallons per day (gpd) per acre for industrial light land uses, the proposed Project would generate approximately 6,000 gallons of wastewater per day (300 gpd per acre × 20 Project acres = 6,000 gpd). If the site were to be developed under the existing land use and zoning designations, the wastewater generation rate of 1,200 gpd per acre would result in approximately 24,000 gpd for the same site. (WCSMP, Table 4-4). As the site was planned for future uses that would generate a higher wastewater result that was already accounted for within PVRWRF's capacity, it can be concluded that this facility has sufficient capacity to serve the proposed Project. As such, the Project would not create the need for any new or expanded wastewater facility (such as conveyance lines, treatment facilities, or lift stations) because there is adequate capacity at existing treatment facilities to serve the Project's projected sewer demand. Thus, the proposed Project would not result in a determination by the wastewater treatment provider which serves or may serve the project that it has inadequate capacity to serve the Project's projected demand in addition to the provider's existing commitments. Therefore, impacts would be l**ess than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

d) **Less than significant impact.** Trash, recycling, and green waste services within the City are provided by CR&R Waste Services. Waste is transported to the Perris Transfer Station and Materials Recovery Facility located at 1706 Goetz Road, approximately 3 miles northwest of the Project site. At this facility, recyclable materials are separated from solid waste materials. Recyclable materials are sold in bulk and transported for processing and transformation for other uses. (GP CE, p. 38). Solid waste from the proposed Project would be transported to either: (1) the Badlands Landfill on Ironwood Avenue in Moreno Valley, which has a permitted daily capacity of 5,000 tons per day (tpd) and remaining total capacity of 7,800,000 tons; or (2) the El Sobrante Landfill on Dawson Canyon Road in Corona, with a permitted daily capacity of 16,054 tpd and remaining total capacity of 143,977,170 tons. (CAL-B; CAL-C).

Table C, Project Construction Waste identifies the Project's projected contribution to these landfills during construction.

Table C, Project Construction Waste

Proposed Land Use	Building Size (SF)	Generation Rate (lbs/SF)[1]	Total (Tons)[2]
Industrial	412,48	3.89	**802**
Disposal Facility	**Disposal Capacity (tons/year)[3]**	**Yearly Intake[4]**	**Proposed Project's Percent of Yearly Intake[5]**
Badlands	1,825,000	802	***0.04***
El Sobrante	5,859,710	802	***0.01***

Notes:
1. Source USEPA, p. 2-4.
2. 412,348SF x 3.89 = 1,604,034 lbs/sf. 1,604,034 lbs/sf x 0.0005 = 802.02 tons
3. Daily disposal capacity multiplied by 365 days per year.
4. Total tons multiplied by years of construction (1 year).
5. Yearly Intake / Disposal Capacity x 100

Based on the results from Table D above, the Project's contribution to either landfill during construction would be negligible.

Table D, Project Operational Waste identifies the Project's projected operational contribution to these landfills.

Table D, Project Operational Waste

Proposed Land Use	Projected Employees	Disposal Factor (Tons/Employee)[1]	Total (Tons/Year)
Industrial	400	1.23	***492***
Disposal Facility	**Disposal Capacity (tons/year)**	**Proposed Project's Percent of Yearly Intake**	
Badlands	1,825,000	***0.03***	
El Sobrante	5,859,710	***0.01***	

Notes
1. Source: CAL-D

Based on the results from Table D above, the Project's contribution to either landfill during operation would be negligible. The proposed Project's yearly tonnage contribution is only 0.03 percent of the yearly permitted intake rate for Badlands Landfill and 0.01 percent of the yearly permitted intake for El Sobrante. These percentages are based on all waste going to one landfill

or the other but resulting waste would likely be split between the two landfills, resulting in smaller total contributions. Thus, 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. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

e) **Less Than Significant Impact.** Federal, State, and local statutes and regulations regarding solid waste generation, transport, and disposal are intended to decrease solid waste generation through mandatory reductions in solid waste quantities (e.g., through recycling and composting of green waste) and the safe and efficient transport of solid waste. The proposed Project would be required to coordinate with CR&R Waste Services to develop a collection program for recyclables, such as paper, plastics, glass, and aluminum, in accordance with local and State programs, including the California Solid Waste Reuse and Recycling Act of 1991. Additionally, the proposed Project would be required to comply with applicable practices enacted by the City under the California Integrated Waste Management Act of 1989 (AB 939) and any other applicable local, State, and federal solid waste management regulations. AB 939 requires all counties to prepare a County Integrated Waste Management Plan. The County of Riverside adopted its *Countywide Integrated Waste Management Plan* (CIWMP) in 1998. The CIWMP includes the Countywide Summary Plan; the Countywide Siting Element; and the Source Reduction and Recycling Elements, the Household Hazardous Waste Elements, and Non-disposal Facility Elements for Riverside County and each city in Riverside County. Thus, the proposed Project would be required to comply with all regulatory requirements regarding solid waste. Therefore, impacts would be **less than significant** and no further evaluation of this topic is required in an ND, MND, or EIR.

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

References: CALFIRE, GP SE

Explanation of Checklist Answers:

a-d) **No impact.** The Project site is not located within or near a SRA very high fire, high or moderate hazard severity zone and the Project site is generally flat with no steep slopes located onsite or adjacent to the affected lands that would exacerbate wildfire risk (i.e., from upslope winds). No other natural features are present onsite that would exacerbate wildfire risks. Therefore, **no impact** would occur and no further evaluation of this topic is required in an ND, MND, or EIR.

6.21 Mandatory Findings of Significance	*Potentially Significant Impact*	*Less Than Significant With Mitigation*	*Less Than Significant Impact*	*No Impact*
Does the project:				
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 rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	☒	☐	☐	☐
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	☒	☐	☐	☐
c. Does the project have environmental effects which would cause substantial adverse effects on human beings, either directly or indirectly?	☒	☐	☐	☐

References: Initial Study Checklist

Explanation of Checklist Answers

a) **Potentially significant impact.** As discussed under *Thresholds 6.4* and Section *6.5* above, the Project may 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 rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory. Therefore, the Project may result in **potentially significant impacts**. These topics will be further analyzed and addressed in a forthcoming EIR.

b) **Potentially significant impact.** As demonstrated by the analysis in this IS, the Project would not result in any impacts that are individually limited, but cumulatively considerable with respect to aesthetics, agriculture and forestry resource, hazards and hazardous materials, mineral resources, population and housing, public services, recreation, and wildfires. The Project is not considered growth-inducing as defined by State CEQA Guidelines Section 15126.2(d) and would not induce, either directly or indirectly, population and/or housing growth. However, the Project may result in significant impacts related to air quality, cultural resources, energy, geology and soils, greenhouse gas emissions, hydrology and water quality, land use, noise, transportation and traffic, tribal cultural resources, and/or utilities and service systems. As such, the cumulative impacts related to these topics are **potentially significant** and will be further analyzed and addressed in a forthcoming EIR.

c) **Potentially significant impact.** The Project applicant proposes the construction and operation of a warehouse building, which may have a **potentially significant impacts** on human health. This topic will be further analyzed and addressed in a forthcoming EIR.

7.0 REFERENCES

AICUZ Air Installations Compatible Use Study Zones, March Air Reserve Base, dated 2018. (Available at https://www.marchjpa.com/documents/docs_forms/AICUZ_2018.pdf, accessed February 15, 2023).

ALUC-A Riverside County Airport Land Use Commission, *Riverside County Airport Land use Compatibility Plan Volume I Policy Document, Introduction,* October 14, 2004. (Available at https://rcaluc.org/Portals/13/PDFGeneral/plan/newplan/03-%20Vol.%201%20Overview%20Summary.pdf, accessed November 18, 2022.)

ALUC-B Riverside County Airport Land Use Commission, *March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan*, November 13, 2014. (Available at http://www.rcaluc.org/Portals/13/17%20-%20Vol.%201%20March%20Air%20Reserve%20Base%20Final.pdf?ver=2016-08-15-145812-700, accessed November 18, 2022.)

ALUC-C Riverside County Airport Land Use Commission, *Consistency Determination*, June 8, 2023 (Appendix C)

ALUC-D Riverside County Airport Land Use Commission, *Consistency Determination*, August 22, 2023 (Appendix C)

CAL-A Caltrans, *Scenic Highways – California State Scenic Highways.*2022. (Available at https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways, accessed November 15, 2022.)

CAL-B California Department of Resources Recycling and Recovery. (CalRecycle), SWIS Facility/ Site Activity Details: *Badlands Sanitary Landfill (33-AA-0006) (Available at https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2245?siteID=2367, accessed November 30, 2022.)*

CAL-C California Department of Resources Recycling and Recovery (CalRecycle). 2018b. *Solid Waste Information System: Facility Detail: El Sobrante Landfill (33-AA-0217).* (Available at https://www2.calrecycle.ca.gov/SolidWaste/SiteActivity/Details/2280?siteID=2402, accessed November 30, 2022.)

CAL-D https://www2.calrecycle.ca.gov/Publications/Details/1184

CALFIRE California Department of Forestry and Fire Protection, *Fire Hazard Severity Zones (FHSZ) Viewer (Interactive map)*, 20017-2010. (Available at https://egis.fire.ca.gov/FHSZ/, accessed, November 22, 2022.)

CARB-A California Air Resources Board, *Area Designations Maps/State and National*, revised October 2020. (Available at https://www.arb.ca.gov/desig/adm/adm.htm, accessed November 18, 2022.)

CARB-B California Air Resources Board, *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*, dated May 6, 2005. (Available at http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf?sfvrsn=4, accessed November 18, 2022.)

CCR California Code of Regulations. (Available at https://govt.westlaw.com/calregs/Index?transitionType=Default&contextData=%28sc.Default%29, accessed November 30, 2022.)

COR GP DEIR County of Riverside, *Riverside County General Plan Update Project General Plan Amendment No. 960 Environmental Impact Report No. 521 Volume 1, Part 1 of 2: Draft EIR No. SCH 2009041065*. February 2015. (Available at https://planning.rctlma.org/General-Plan-Zoning/General-Plan/Riverside-County-General-Plan-2015/General-Plan-Amendment-No960-EIR-No521-CAP-February-2015, accessed November 15, 2022.)

COR GP DEIR-A County of Riverside, *Riverside County General Plan Update Project General Plan Amendment No. 960 Environmental Impact Report No. 521 Volume 1, Part 1 of 2: Draft EIR No. SCH 2009041065, Appendix E-2 – Socioeconomic Buildout Assumptions and Methodology*. Dated April 11, 2017. (Available at https://planning.rctlma.org/Portals/14/genplan/general_Plan_2017/appendices/Appendix%20E-2_April%202017.pdf?ver=2017-10-23-153612-743, accessed February 22, 2023.)

DOF-A United States Census Bureau, Department of Finance, *Quick Facts, City of Perris, CA,* July 1, 2022. (Available at https://www.census.gov/quickfacts/fact/table/perriscitycalifornia/INC110221, accessed April 5, 2023.)

DOF-B United States Census Bureau, Department of Finance, *Quick Facts, City of Menifee, CA,* July 1, 2022. (Available at https://www.census.gov/quickfacts/menifeecitycalifornia, accessed April 5, 2023.)

ECORP ECORP Consulting, Inc., *Biological Technical Report and MSHCP Consistency Analysis*, dated September 2023. (Appendix A).

FEMA Federal Emergency Management Agency. *Flood Insurance Rate Map Panel Number 06065C2060H*, August 18, 2014. (Available at https://msc.fema.gov/portal/search?AddressQuery=PERRIS%20CA#searchresultsanchor, accessed November 28, 2022.)

FMMP California Department of Conservation - Farmland Mapping and Monitoring Program, *Farmland Mapping and Monitoring Program Farmland Map: Riverside County, California.* (Available at https://maps.conservation.ca.gov/DLRP/CIFF/, accessed November 15, 2022)

GCI Geosyntec Consultants, *Phase I Environmental Site Assessment Site Update: Site 1892 and 27278 Ethanac Road, Perris California 92585,* April 2023, updated November 30, 2022. (Appendix C)

GE Google, Inc. *Google Earth Pro (Version 7.3.4.8642 (54-bit))* May 2022. (Available at http://google.com/earth/download/ge/, accessed November 15, 2022.)

GP CE City of Perris, *City of Perris General Plan Conservation Element, adopted July 12, 2005 and Sustainable Community Amendment, adopted February 18, 2008.* (Available at https://www.cityofperris.org/home/showpublisheddocument/449/637203139693370000, accessed November 21, 2022.)

GP SE City of Perris, *City of Perris General Plan Safety Element approved on January 25,2022.* (Available at https://www.cityofperris.org/home/showpublisheddocument/15024/637807110903270000, accessed November 21, 2022.)

IDA International Night Sky Association, *What is Light Pollution*. (Available at https://www.darksky.org/, accessed November 30, 2022.)

NWI U.S. Fish & Wildlife Service, *National Wetlands Inventory – Wetlands Mapper.* (Available at https://www.fws.gov/program/national-wetlands-inventory/wetlands-mapper, accessed November 22, 2022.)

ORD 1123 City of Perris, Ordinance Number 1123, October 13, 2003. (Available at https://www.wrc-rca.org/Permit_Docs/Ord_Res_Docs/Imp_Ordinances/Perris_Ord_1123.pdf, accessed November 22, 2022.)

GP DEIR City of Perris. *Draft Environmental Impact Report, City of Perris General Plan 2030 (State Clearinghouse #2004031135). 2004. (Available at* https://www.cityofperris.org/departments/development-services/general-plan, accessed November 15, 2022.)

PESD Perris Elementary School District, *Perris Elementary School District Attendance Areas.* (Available at https://www.perrisesd.org/cms/lib/CA01901047/Centricity/domain/4/calendars-homepage/Attendance%20Area%20Map.pdf, accessed November 18, 2022.)

PMC City of Perris, *City of Perris Municipal Code.* Updated on March 9, 2022 (Available at https: //library.municode.com/ca/perris/codes/code_of_ordinances, accessed November 18, 2022.)

PUHSB Perris Union High School District, *Find Your School – PUHSD High School Boundaries,* 2022.(Available at https://www.puhsd.org/Content2/find-your-school, accessed November 18, 2022.)

PVRWRF Eastern Municipal Water District, *Perris Valley Regional Water Reclamation Facility Fact Sheet*, dated January 2021. (Available at https://www.emwd.org/sites/main/files/file-attachments/pvrwrffactsheet.pdf?1620227213, accessed February 22, 2023.)

RCA Riverside Conservation Authority, *RCA MSHCP Information Map.* Riverside Conservation Authority. (Available at http: //wrcrca.maps.arcgis.com/apps/webappviewer/index.html?id=a73e69d2a64d41c29ebd3acd67467abd, accessed November 22, 2022.)

RCHCA Riverside County Habitat Conservation Agency, *Stephens' Kangaroo Rat Area Map.* (Available at https://www.rchca.us/DocumentCenter/View/200/SKR-Plan-Area, accessed November 22, 2022.)

SCAG Southern California Association of Governments, *2016-2040 Regional Transportation Plan/Sustainable Communities Strategy Current Demographic and Growth Forecast Appendix,* (Available at https://scag.ca.gov/sites/main/files/file-attachments/2016_2040rtpscs_finalgrowthforecastbyjurisdiction.pdf?1605576071, accessed November 18, 2022.)

SCAQMD-A South Coast Air Quality Management District, *Final 2016 AQMP and Related SIP Submittals,* 2022. (Available at http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan/final-2016-aqmp, access November 17, 2022.)

SCAQMD-B South Coast Air Quality Management District, *Draft 2022 AQMP.* (Available at http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan, accessed November 17, 2022.)

SCAQMD-C South Coast Air Quality Management District, *Final 2016 Air Quality Management Plan*, March 2017. (Available at http://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2016-air-quality-management-plan/final-2016-aqmp/final2016aqmp.pdf?sfvrsn=15, accessed November 17, 2022.)

SCAQMD-D South Coast Air Quality Management District, *Final Localized Significance Threshold Methodology*, Revised July 2008. (Available at http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds, accessed November 18, 2022.)

SCG-A Southern California Geotechnical, *Geotechnical Investigation Proposed Warehouse NWC Ethanac Road and Sherman Road Perris, California for Hillwood*, dated February 23, 2022. (Appendix B)

SCG-B Southern California Geotechnical, *Limited Geotechnical Investigation Off-site Improvements*, dated May 1, 2023. (Appendix B)

SSMP Eastern Municipal Water District, *Sewer System Management Plan*, dated 2019. (Available at https://www.emwd.org/sites/main/files/file-attachments/2019_full_report_ssmp.pdf?1576617293, accessed February 22, 2023.)

USCB United States Census Bureau, *Quickfacts, Perris City, California.* (Available athttps://www.census.gov/quickfacts/fact/table/perriscitycalifornia/PST045221, accessed November 18, 2022.)

USEPA United States Environmental Protection Agency, *Characterization of Building Related Construction and Debris,* dated 1988. (Available at https://www.epa.gov/smm/characterization-building-related-construction-and-demolition-debris-united-states, accessed February 22, 2023.)

USGS United States Geological Survey, *National Water Information System: Mapper*. (Available at Water Resources of the United States—National Water Information System (NWIS) Mapper (usgs.gov), accessed November 23, 2022.)

UWMP Eastern Municipal Water District, *2020 Urban Water Management Plan*, dated July 1, 2021. (Available at https://www.emwd.org/post/urban-water-management-plan, accessed February 22, 2023.)

WCSMP Eastern Municipal Water District, 2015 *Wastewater Collection System Master Plan Update*, dated October 28, 2016.

WSCP Eastern Municipal Water District, *Water Shortage Contingency Plan*, dated June 2021. (Available at https://www.emwd.org/sites/main/files/file-attachments/appi_wscp.pdf?1625160934, accessed February 22, 2023.)

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INITIAL STUDY - APPENDIX A

Biological Resources

ECORP

Biological Technical Report and MSHCP Consistency

Biological Technical Report and MSHCP Consistency Analysis for the Hillwood Ethanac Project

Riverside County, California

Assessor's Parcel Numbers: 329-240-016, 329-240-017, 329-240-018, 329-240-019, 329-240-020, 329-240-023, 329-240-024, 329-240-025, 329-240-026, and 329-240-027

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LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
ARD	Aquatic Resources Delineation
BUOW	Burrowing Owl
CDFG	California Department of Fish and Game
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CNDDB	California Natural Diversity Data Base
CNPS	California Native Plant Society
CNPSEI	California Native Plant Society Electronic Inventory
CRPR	California Rare Plant Rank
CWA	Clean Water Act
ESA	Endangered Species Act
GPS	Global Positioning System
HCP	Habitat Conservation Plan
IA	Implementing Agreement
I-	Interstate
MBTA	Migratory Bird Treaty Act
MCV	Manual of California Vegetation
MM	Mitigation Measure
MSHCP	Multiple Species Habitat Conservation Plan
NEPA	National Environmental Policy Act
NEPSSA	Narrow Endemic Plant Species Survey Area
NPPA	Native Plant Protection Act
NRCS	Natural Resources Conservation Service
NWP	Nationwide Permit
Project	Hillwood Ethanac Development Project
RCA	Riverside Conservation Authority
RCHCA	Riverside County Habitat Conservation Agency
RCTLMA	Riverside County Land Management Agency
SAA	Streambed Alteration Agreement

Term	Definition
sf	Square Foot/Feet
SKR	Stephens' Kangaroo Rat
SSC	Species of Special Concern
USACE	U.S. Army Corps of Engineers
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey

1.0 INTRODUCTION

ECORP Consulting, Inc. conducted a biological reconnaissance survey at an approximately 21-acre property for the proposed Hillwood Ethanac Development Project (Project) located in the City of Perris in Riverside County. The Project also includes offsite improvement areas. The survey was conducted to identify any potential biological resources that could be affected by the Proposed Project, pursuant to the terms of the California Environmental Quality Act (CEQA) and for the purposes of identifying any biological constraints that would affect the proposed site plan for the Project. The surveys were conducted in accordance with the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP). The MSHCP provides information on plant and wildlife species of concern to the County of Riverside and outlines goals for their conservation. Information on the MSHCP can be found at www.rctlma.org (Riverside County Land Management Agency [RCTLMA] 2022). The Project will be subject to county, state, and federal regulations regarding compliance with the federal Endangered Species Act (ESA), California ESA, Migratory Bird Treaty Act (MBTA), and California Fish and Game Code.

1.1 Project Location

The Project Site is generally located east of Interstate (I-) 215 and south of Highway 74. The Project Site is located northwest of the intersection of Ethanac and Sherman Roads in the City of Perris, Riverside County, California (Figures 1 and 2). The Project Footprint consists of an approximately 21-acre Project Site and approximately 21-acre offsite improvement areas (42-acres total) comprised of Assessor Parcel Numbers 329-240-016, 329-240-017, 329-240-018, 329-240-019, 329-240-020, 329-240-023, 329-240-024, 329-240-025, 329-240-026, and 329-240-027. The offsite improvement areas include portions of Ethanac Road, Sherman Road, Trumble Road, and Illinois Avenue (Figure 2).

The Project Site, as depicted on the U.S. Geological Survey (USGS) "Romoland, California" 7.5-minute topographic quadrangle, is located within Section 10, Township 5 South, Range 3 West. The Project Site is generally flat and elevation is approximately 1,440 feet (439 meters) above mean sea level. The Project Site is currently vacant land covered primarily with nonnative grasses and forbs. Vegetation communities/land cover types observed within the Project Footprint include eucalyptus groves; ornamental trees; and disturbed and developed areas.

1.2 Project Description

The proposed Hillwood-Ethanac Project and offsite improvements (Proposed Project or Project Footprint) involves the construction and operation of an approximately 412,348-square-foot (sf) building on the approximately 21-acre Project Site. Street improvements will be required along Ethanac Road and where Ethanac Road intersects with Trumble and Sherman Roads. Water and sewer connections will connect to the existing lines on Trumble Road or Ethanac Road, in the vicinity of the Project Site. Construction of offsite infrastructure facilities may be necessary. Stormwater facilities will connect to either the Romoland Master Drainage Plan Line A, located approximately 0.5 mile south of the Project Site on McLaughlin Avenue, or to a future Line A-21 on Trumble Road approximately 0.4 mile south of Ethanac Road. The offsite improvement areas are shown on Figure 2. The Proposed Project would be constructed in a single phase and the Project Site grading will balance the site.

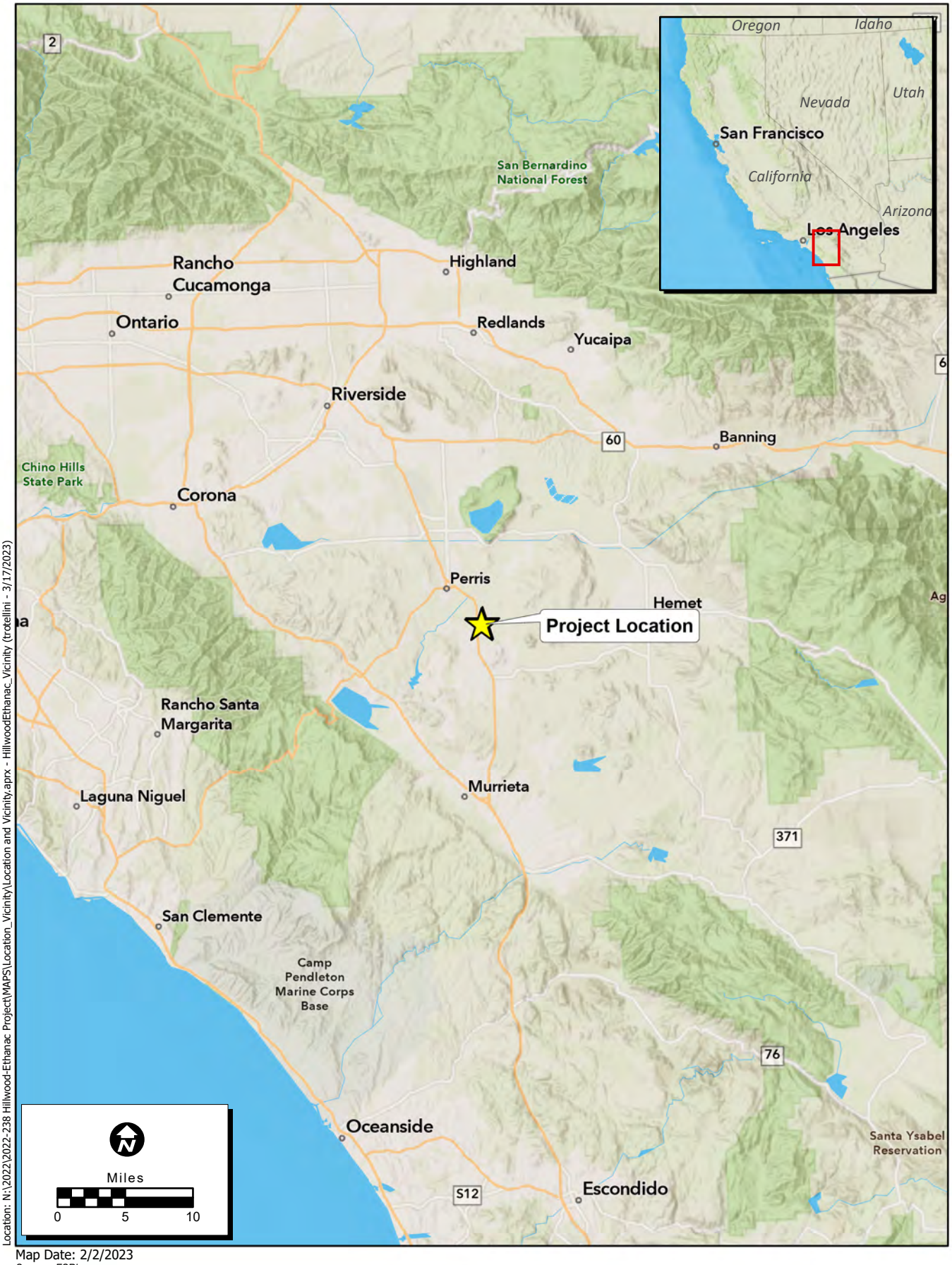


Figure 1. Project Vicinity

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2022-238 Hillwood-Ethanac Project



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Location_Vicinity\Location and Vicinity.aprx - HillwoodEthanac_Location (trotellini - 2/2/2023)

Map Date: 2/2/2023

Service Layer Credits: Source: Esri, USDA FSA, County of Sacramento, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri Community Maps Contributors, Loma Linda University, County of Riverside, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

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Figure 2. Project Location

2022-238 Hillwood-Ethanac Project

1.3 Terms

The following terms will be used throughout this document and are defined as follows:

- **Project Footprint:** the approximately 42-acre area assessed during the general biological assessment, which encompasses the approximately 21-acre Project Site, and the approximately 21-acre roadway offsite improvement area.
- **Project Site:** the approximately 21-acre property north of Ethanac Road that will be permanently impacted to construct the approximately 412,348-sf building.
- **Offsite Improvement Area:** the approximately 21 acres of right-of-way surrounding expansions where improvements will occur along Trumble Road, Illinois Avenue, Ethanac Road, and Sherman Road.
- **Burrowing Owl Study Area:** includes the Project Footprint and a 500-foot buffer around the Project Footprint.

2.0 SPECIAL-STATUS SPECIES REGULATIONS

ECORP conducted the biological reconnaissance survey to identify potential constraints to development and to ensure compliance with state and federal regulations regarding listed, protected, and sensitive species. The regulations are detailed below.

2.1 Federal Regulations

2.1.1 The Federal Endangered Species Act

The federal ESA protects plants and animals that are listed as endangered or threatened by the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service. Section 9 of the ESA prohibits the taking of endangered wildlife, where taking is defined as "harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or attempt to engage in such conduct" (50 Code of Federal Regulations [CFR] 17.3). For plants, this statute governs removing, possessing, maliciously damaging, or destroying any endangered plant on federal land and removing, cutting, digging up, damaging, or destroying any endangered plant on non-federal land in knowing violation of state law (16 U.S. Code 1538). Under Section 7 of the ESA, federal agencies are required to consult with the USFWS if their actions, Including permit approvals or funding, could adversely affect a listed or proposed species, including plants or its critical habitat. Through consultation and the issuance of a biological opinion, the USFWS may issue an incidental take statement allowing take of the species that is incidental to an otherwise authorized activity provided the activity will not jeopardize the continued existence of the species. Section 10 of the ESA provides for issuance of incidental take permits where no other federal actions are necessary provided a Habitat Conservation Plan (HCP) is developed.

2.1.2 Migratory Bird Treaty Act

The federal MBTA implements international treaties between the United States and other nations devised to protect migratory birds, any of their parts, eggs, and nests from activities such as hunting,

pursuing, capturing, killing, selling, and shipping, unless expressly authorized in the regulations or by permit. As authorized by the MBTA, the USFWS issues permits to qualified applicants for the following types of activities: falconry, raptor propagation, scientific collecting, special purposes (i.e., rehabilitation, education, migratory game bird propagation, and salvage), take of depredating birds, taxidermy, and waterfowl sale and disposal. The regulations governing migratory bird permits can be found in 50 CFR Part 13 General Permit Procedures and 50 CFR Part 21 Migratory Bird Permits. The State of California has incorporated the protection of birds of prey in Sections 3800, 3513, and 3503.5 of the California Fish and Game Code.

2.1.3 Federal Clean Water Act

The federal Clean Water Act's (CWA) purpose is to "restore and maintain the chemical, physical, and biological integrity of the nation's waters." Section 404 of the CWA prohibits the discharge of dredged or fill material into Waters of the U.S. without a permit from the U.S. Army Corps of Engineers (USACE). The definition of Waters of the U.S. includes rivers, streams, estuaries, the territorial seas, ponds, lakes, and wetlands. Wetlands are defined 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 328.3 7b). The U.S. Environmental Protection Agency acts as a cooperating agency to set policy, guidance, and criteria for use in evaluation permit applications and reviews USACE permit applications.

The USACE regulates *fill* or dredging of fill material within its jurisdictional features. *Fill material* means any material used for the primary purpose of replacing an aquatic area with dry land or changing the bottom elevation of a water body. Substantial impacts to wetlands may require an individual permit. Projects that only minimally affect wetlands may meet the conditions of one of the existing Nationwide Permits. A Water Quality Certification or waiver pursuant to Section 401 of the CWA is required for Section 404 permit actions; this certification or waiver is issued by the State Water Quality Control Board, administered by each of nine California Regional Water Quality Control Boards (RWQCB).

2.2 State and Local Regulations

2.2.1 California Endangered Species Act

The California ESA generally parallels the main provisions of the ESA but, unlike its federal counterpart, the California ESA applies the take prohibitions to species proposed for listing (called *candidates* by the state). Section 2080 of the California Fish and Game Code prohibits the taking, possession, purchase, sale, and import or export of endangered, threatened, or candidate species, unless otherwise authorized by permit or in the regulations. Take is defined in Section 86 of the California Fish and Game Code as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill." The California ESA allows for take incidental to otherwise lawful development projects. State lead agencies are required to consult with the California Department of Fish and Wildlife (CDFW) to ensure that any action they undertake is not likely to jeopardize the continued existence of any endangered or threatened species or result in destruction or adverse modification of essential habitat.

2.2.2 Fully Protected Species

The State of California first began to designate species as *fully protected* prior to the creation of the federal and California ESAs. Lists of fully protected species were initially developed to provide protection to those animals that were rare or faced possible extinction, and included fish, amphibians and reptiles, birds, and mammals. Most fully protected species have since been listed as threatened or endangered under federal and/or California ESAs. The regulations that implement the Fully Protected Species Statute (California Fish and Game Code Section 4700) provide that fully protected species may not be taken or possessed at any time. Furthermore, CDFW prohibits any state agency from issuing incidental take permits for fully protected species, except for necessary scientific research.

2.2.3 Native Plant Protection Act

The Native Plant Protection Act (NPPA) of 1977 (California Fish and Game Code Sections 1900-1913) was created with the intent to "preserve, protect and enhance rare and endangered plants in this State." The NPPA is administered by CDFW. The Fish and Wildlife Commission has the authority to designate native plants as *endangered* or *rare* and to protect endangered and rare plants from take. The California ESA of 1984 (California Fish and Game Code Section 2050-2116) provided further protection for rare and endangered plant species, but the NPPA remains part of the California Fish and Game Code.

2.2.4 California Fish and Game Code

2.2.4.1 Streambed Alteration Agreement

Section 1602 of the California Fish and Game Code requires that a Notification of Lake or Streambed Alteration be submitted to CDFW for "any activity that may substantially divert or obstruct the natural flow or substantially change the bed, channel, or bank of any river, stream, or lake." The CDFW reviews the proposed actions and, if necessary, submits to the Applicant a proposal for measures to protect affected fish and wildlife resources. The final proposal that is mutually agreed upon by CDFW and the Applicant is the Streambed Alteration Agreement (SAA). Often, projects that require an SAA also require a permit from the USACE under Section 404 of the CWA. In these instances, the conditions of the Section 404 permit and the SAA may overlap.

2.2.4.2 Migratory Birds

The CDFW enforces the protection of nongame native birds in Sections 3503, 3503.5, and 3800 of the California Fish and Game Code. Section 3513 of the California Fish and Game Code prohibits the possession or take of birds listed under the MBTA. These sections mandate the protection of California nongame native birds' nests and make it unlawful to take these birds. All raptor species are protected from *take* pursuant to California Fish and Game Code Section 3503.5 and are also protected at the federal level by the MBTA of 1918 (USFWS 1918).

2.2.5 Western Riverside County Multiple Species Habitat Conservation Plan

The Western Riverside County MSHCP is a comprehensive, multijurisdictional HCP focusing on conservation of species and their associated habitats in western Riverside County. The MSHCP

identified 146 species, referred to as *Covered Species*, for which the federal and California ESAs *take* authorization has been granted to signatories to the plan as long as they comply with its requirements. Of the 146 Covered Species within the MSHCP, 118 are considered to be *adequately conserved*. The remaining 28 Covered Species will be considered adequately conserved when certain landmark conservation requirements are met during the course of future development. The goal of the MSHCP is to maintain the biological and ecological diversity within a rapidly urbanizing region while also improving the future economic development in the county by providing an efficient, streamlined regulatory process through which development can proceed in an efficient way.

The approval of the MSHCP and execution of the Implementing Agreement (IA) by the wildlife agencies allows signatories of the IA to issue *take* authorizations for all species covered by the MSHCP, including state- and federally listed species, as well as other identified sensitive species and/or their habitats. Each city of local jurisdiction will impose a development mitigation fee for projects within their jurisdiction. With payment of the mitigation fee to the County and compliance with the survey requirements of the MSHCP where required, full mitigation in compliance with CEQA, National Environmental Policy Act (NEPA), and the federal and California ESAs, will be granted. The development mitigation fee varies according to project size and description and is dependent on development density (Riverside County Ordinance No. 810.2). Payment of the mitigation fee and compliance with the requirements of Section 6.0 of the MSHCP are intended to provide full mitigation under CEQA, NEPA, and the California and federal ESAs for impacts to the species and habitats covered by the MSHCP, pursuant to agreements with USFWS, CDFW, and/or any other appropriate participating regulatory agencies as set forth in the IA for the MSHCP.

2.2.6 Stephens' Kangaroo Rat (*Dipodomys stephensi*) Habitat Conservation Plan

The Project Site is located within the Long-Term Stephens' kangaroo rat HCP area. The plan is administered by the Riverside County Habitat Conservation Agency (RCHCA) and aims to conserve 15,000 acres of occupied Stephens' kangaroo rat habitat. To date, more than 46,000 acres have been assembled in western Riverside County for this species. The RCHCA has a Section 10A permit granted by USFWS that allows for take of Stephens' kangaroo rat as part of development activity. The federal ESA defines *take* as any attempt to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture or collect, or to attempt to engage in any such conduct as it relates to Stephens' kangaroo rat. As individual projects are proposed and approved in the Stephens' kangaroo rat HCP area, public and private land developers are required to pay a Stephens' kangaroo rat mitigation fee for land that is developed and removes Stephens' kangaroo rat habitat. This streamlined process benefits developers in the Stephens' kangaroo rat HCP Area because projects within this area do not require individual review and approval by the wildlife agencies.

Developers benefit from the streamlined process in the Stephens' kangaroo rat HCP area because projects within this area do not require individual review and approval by the wildlife agencies. The activities covered by the plan fall into three categories:

1. Actions by private landowners, local and regional public agencies, public and private utilities, and farmers that are otherwise lawful but constitute incidental take of Stephens' kangaroo rat as defined by the federal and California ESA;

2. Establishment and management of permanent Stephens' kangaroo rat reserves by the RCHCA in cooperation with other public agencies and individual landowners; and

3. Implementation by the RCHCA and its member agencies of the conservation, mitigation, and monitoring measures specified in this plan.

The Mitigation Fee is $500 per gross acre of the parcels proposed for development within the Stephens' kangaroo rat HCP Area.

2.2.7 California Environmental Quality Act Significance Criteria

Section 15064.7 of the CEQA Guidelines encourages local agencies to develop and publish the thresholds the agency uses in determining the significance of environmental effects caused by projects under its review. However, agencies may also rely upon the guidance provided by the expanded Initial Study checklist contained in Appendix G of the CEQA Guidelines. Appendix G provides examples of impacts that would normally be considered significant. Based on these examples, impacts to biological resources would normally be considered significant if the project would:

- 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;
- 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;
- have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, and coastal) through direct removal, filling, hydrological interruption, or other means;
- 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;
- conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; and
- conflict with the provisions of an adopted HCP, Natural Community Conservation Plan, or other approved local, regional or state HCP.

An evaluation of whether an impact on biological resources would be substantial must consider both the resource itself and how that resource fits into a regional or local context. Substantial impacts would be those that would diminish, or result in the loss of, an important biological resource, or those that would obviously conflict with local, state, or federal resource conservation plans, goals, or regulations. Impacts are sometimes locally important but not significant according to CEQA because although the impacts would result in an adverse alteration of existing conditions, they would not substantially diminish or result in the permanent loss of an important resource on a population-wide or region-wide basis.

3.0 METHODS

3.1 Literature Review

Prior to conducting the biological reconnaissance survey, ECORP biologists performed a literature review using the CDFW California Natural Diversity Data Base (CNDDB; CDFW 2022a) and the California Native Plant Society (CNPS) Electronic Inventory (CNPSEI; CNPS 2022) to determine the documented special-status plant and wildlife species in the vicinity of the Project Footprint. ECORP searched CNDDB and CNPSEI records within the Project boundaries as depicted on USGS 7.5-minute "Romoland, California" topographic quadrangle, and the surrounding eight topographic quadrangles: Lake Elsinore, Steele Peak, Perris, Lakeview, Winchester, Bachelor Mountain, Murrieta, and Wildomar. The CNDDB and CNPSEI contain records of reported occurrences of federally or state-listed endangered, threatened, proposed endangered or threatened species, California Species of Special Concern (SSC), and/or other special-status species or habitat that may occur within or in the vicinity of the Project Footprint. Additional information was gathered from the following sources and includes, but is not limited to:

- U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS) *Web Soil Survey* (NRCS 2022);
- State and Federally Listed Endangered and Threatened Animals of California (CDFW 2022b);
- Special Animals List (CDFW 2022c);
- *The Jepson Manual: Vascular Plants of California* (Baldwin et al. 2012);
- *A Manual of California Vegetation*, 2nd Edition (MCV; Sawyer et al. 2009); and
- Various online websites (e.g., CalFlora 2022).

Using this information and field observations, ECORP biologists generated a list of special-status plant and wildlife species that have potential to occur within the Project Footprint. For the purposes of this assessment, special-status species are defined as plants or animals that:

- have been designated as either rare, threatened, or endangered by CDFW, CNPS, or the USFWS, and/or are protected under either the federal or California ESAs;
- are candidate species being considered or proposed for listing under these same acts;
- are fully protected by the California Fish and Game Code, Sections 3511, 4700, 5050, or 5515;
- are of expressed concern to resource and regulatory agencies or local jurisdictions; and/or
- are covered species under the MSHCP.

ECORP assessed special-status species reported for the region in the literature review or for which suitable habitat occurs on the Project Footprint for their potential to occur within the Project Site based on the following guidelines:

- **Present**: The species was observed onsite during a site visit or focused survey.

- **High**: Habitat (including soils and elevation factors) for the species occurs within the Project Footprint and a known occurrence has recently been recorded (within the last 20 years) within 5 miles of the area.
- **Moderate**: Habitat (including soils and elevation factors) for the species occurs within the Project Footprint and a documented observation occurs within the database search, but not within 5 miles of the area; a historic documented observation (more than 20 years old) was recorded within 5 miles of the Project Footprint; or a recently documented observation occurs within 5 miles of the area and marginal or limited amounts of habitat occurs within the Project Footprint.
- **Low**: Limited or marginal habitat for the species occurs within the Project Footprint and a recently documented observation occurs within the database search, but not within 5 miles of the area; a historic documented observation (more than 20 years old) was recorded within 5 miles of the Project Footprint; or suitable habitat strongly associated with the species occurs onsite, but no records or only historic records were found within the database search.
- **Presumed Absent**: Species was not observed during a site visit or focused surveys conducted in accordance with protocol guidelines at an appropriate time for identification; habitat (including soils and elevation factors) does not exist onsite; or the known geographic range of the species does not include the Project Footprint.

Note: Location information on some special-status species may be of questionable accuracy or unavailable. Therefore, for survey purposes, the environmental factors associated with a species' occurrence requirements may be considered sufficient reason to give a species a positive potential for occurrence. In addition, just because a record of a species does not exist in the databases does not mean it does not occur. In many cases, records may not be present in the databases because an area has not been surveyed for that particular species.

3.2 U.S. Fish and Wildlife Service-Designated Critical Habitat

Biologists reviewed the USFWS online service for information regarding Threatened and Endangered Species Final Critical Habitat designation within California to determine if the Project Footprint is within any species' designated Critical Habitat (USFWS 2022).

3.3 Aquatic Resources

ECORP biologists conducted a desktop review of the NRCS' Web Soil Survey (NRCS 2022) and the corresponding USGS topographic maps to determine if there were any blue line streams or drainages that might potentially fall under the jurisdiction of either federal or state agencies within the Project Footprint.

3.4 Western Riverside County MSHCP Consistency Analysis

ECORP reviewed Project data to determine consistency with the MSHCP. Biologists queried the Riverside Conservation Authority (RCA) MSHCP Information Map to determine requirements for habitat

assessment(s), potential focused survey(s), or other issues related to biological resources that could exist within the Project Footprint (RCA 2022).

Section 6.0 of the MSHCP also requires that an assessment of the Project be completed to identify any potential applicable Project-related effects on biological resources, including riparian/riverine areas, vernal pools, and fairy shrimp. In addition, the MSHCP requires that an Urban/Wildlands Interface analysis be conducted to address the indirect effects associated with locating proposed development in the proximity of MSHCP Conservation Areas.

3.5 Field Survey

3.5.1 Biological Reconnaissance Survey

Biologists conducted a reconnaissance survey by walking the entire Project Footprint paying special attention to those areas that could host sensitive vegetation communities or had the potential to provide suitable habitat for special-status species. The biologists documented the plant and wildlife species present within the Project Footprint and assessed the location and condition of the Project Footprint for the potential for it to provide habitat for special-status plant and wildlife species. The data was recorded on a Global Positioning System (GPS) unit, field notebooks, and/or maps. Photographs were taken during the survey to provide visual representation of the various vegetation communities within the Project Footprint. The biologists examined the Project Site to assess its potential to facilitate wildlife movement or function as a movement corridor for wildlife moving throughout the region. In addition, the biologists mapped the vegetation communities and land cover types present on the Project Footprint.

ECORP inspected the vegetation communities and habitat conditions to confirm presence and habitat quality of the vegetation found onsite. Where appropriate, biologists utilized descriptions of vegetation communities from the MCV second edition (Sawyer et al. 2009). Any deviations from standard vegetation classifications were made on best professional judgment when areas did not fit into a specific habitat description provided by the MCV. Biologists mapped vegetation communities using field observations and aerial imagery.

ECORP recorded plant and wildlife species including any special-status species that were observed during the survey. Plant nomenclature follows that of *The Jepson Manual: Vascular Plants of California* (Baldwin et al. 2012). Wildlife nomenclature follows Society for the Study of Amphibians and Reptiles (2017), *Check-list of North American Birds* (Chesser et al. 2019), and the *Revised Checklist of North American Mammals North of Mexico* (Bradley et al. 2014). ECORP recorded GPS coordinates, the species, location, and habitat in instances where a special-status species was observed.

3.5.2 Burrowing Owl Habitat Assessment, Focused Burrow Survey and Focused Surveys

The Project Footprint is located within the MSHCP Burrowing Owl (BUOW, *Athene cunicularia*) Survey Area (Figures 3 and 5) and is subject to the MSHCP burrowing owl survey requirements (RCTLMA 2022). ECORP conducted a BUOW habitat assessment concurrently with the biological reconnaissance survey to determine the presence of suitable habitat. Biologists walked the Project Footprint and a 500-foot

buffer (Figure 3) to identify the presence of owl habitat, scanning for suitable habitat using binoculars in areas that were inaccessible by foot.

ECORP biologists conducted a focused burrow survey where they documented suitable burrows within the Project Footprint and in some areas of the 500-foot buffer, where accessible. This is a requirement under Part 2A of the WR-MSHCP Burrowing Owl Survey Instructions

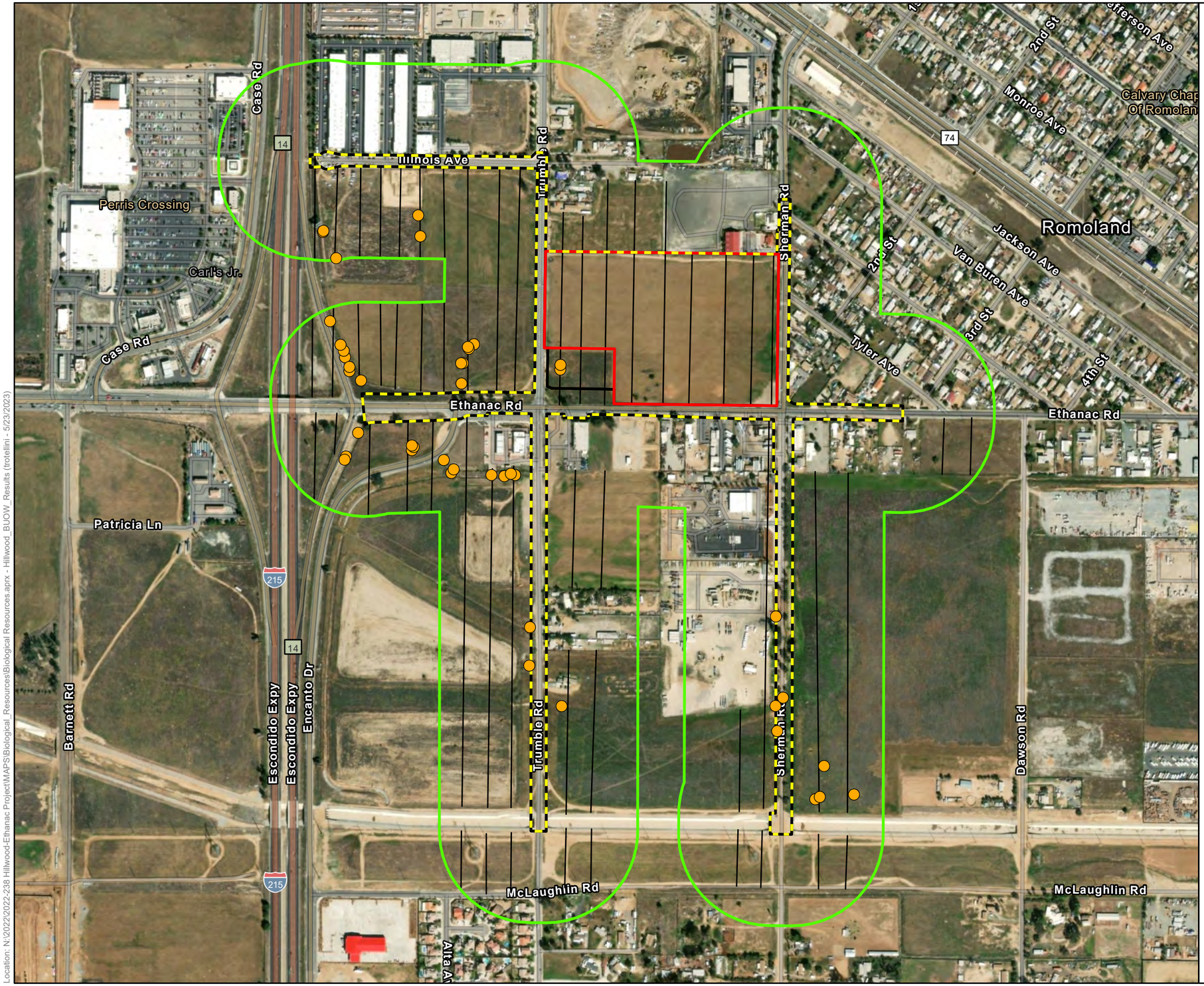
Protocol-level BUOW surveys were conducted during the breeding season (March 1 through August 31) as required under Part 2B of the WR-MSHCP Burrowing Owl Survey Instructions and consisted of four separate surveys conducted throughout the Project Footprint, and within the 500-foot buffer (Burrowing Owl Study Area; RCA 2006), where accessible, to determine if, when, and how the Study Area is being used by BUOW. The surveys were conducted on four separate days in March, April, and May 2023 by qualified biologists. The biologists walked pedestrian transects spaced 20 to 30 meters apart across the entire Study Area (Figure 3) where access was permissible. In areas that were inaccessible, binoculars were used to scan for the presence of BUOW. Additionally, all the encountered burrows were marked during the surveys.

The biologists visually inspected any burrows, rocky areas, or manufactured materials within the BUOW study area for potential BUOW occupation. All burrows encountered were inspected for presence or sign of BUOW (e.g., whitewash, pellets, feathers, and/or prey remains) and classified according to the guidelines in the Staff Report (California Department of Fish and Game [CDFG] 2012).

Data collected for each burrow included the condition and size of the burrow, number of entrances, presence of BUOW sign near the burrow, and location. The biologists used GPS to mark the location. Burrows were individually numbered and classified into two categories based on definitions found in the CDFG Staff Report (CDFG 2012): occupied burrow or potential burrow. Burrows classified as occupied showed signs (e.g., whitewash, feathers, pellets, and/or bones of prey outside the burrow), indicating BUOW presence and/or use at some point in time. Potential burrows were defined as burrows that are large enough for a BUOW but do not show sign of use by the species. The biologists recorded the data on survey sheets and took photographs.

4.0 RESULTS

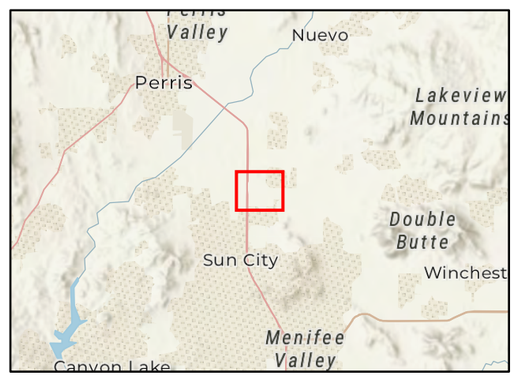
The results of the literature review and field surveys, including site characteristics, vegetation communities, wildlife, special-status species, and special-status habitats (including any potential wildlife corridors) are summarized below.



Map Contents

- Project Site
- Offsite Improvement Area
- Project Footprint
- Study Area (Includes a 500-ft Buffer)
- BUOW Survey Transects
- Potential Burrowing Owl Burrows (No Sign)

Sources: ESRI
Other Related Info if Needed



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Biological_Resources\Biological Resources.aprx - Hillwood_BUOW_Results (trotellini - 5/23/2023)

Map Date: 5/23/2023

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Scale in Feet
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Figure 3. Burrowing Owl Study Area and Burrow Locations

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4.1 Literature Review

4.1.1 Special-Status Plants and Wildlife

ECORP conducted the CNDDB and CNPSEI searches on November 7 and 8, 2022 and January 13, 2023. The database searches identified 43 special-status plant species and 56 special-status wildlife species that could occur within and/or near the Project Footprint. Biologists generated a list from the results of the literature review and evaluated the Project Footprint for suitable habitat that could support any of the special-status plant or wildlife species on the list.

4.1.2 U.S. Fish and Wildlife Service-Designated Critical Habitat

The Project Footprint is not located within any USFWS-designated Critical Habitat. The closest designated Critical Habitat is for spreading navarretia (*Navarretia fossalis*), located approximately 1.9 miles to the northwest of the Project Footprint, and for coastal California gnatcatcher (*Polioptila californica californica*), located approximately 2.4 miles to the southwest of the Project Footprint (USFWS 2022).

4.2 Biological Reconnaissance Survey

ECORP biologists Carla Marriner and Verity Richardson conducted the biological reconnaissance surveys on November 9, 2022 and Ms. Marriner conducted the January 17, 2023 survey. This last biological reconnaissance survey included an additional offsite area located along Illinois Avenue plus a 500-foot buffer. The results of the biological reconnaissance surveys, including site characteristics, plants and plant communities, wildlife, special-status species, and special-status habitats (including any potential wildlife corridors) are summarized below. The biologists surveyed areas of unknown property ownership within the 500-foot buffer from a distance with binoculars. Table 1 provides summarized weather conditions during the surveys.

Table 1. Weather Conditions During the Survey

Date	Time		Temperature (˚F)		Cloud Cover (%)		Wind Speed (mph)	
	Start	End	Start	End	Start	End	Start	End
11/09/2022	0745	1245	50	57	20	30	0-1	4-12
1/17/2023	0830	1000	43	46	10	15	0-2	2-4

4.2.1 Site Characteristics and Land Use

The majority of the Project Footprint is disturbed and developed. The Project Site is currently vacant, disturbed, and undeveloped. The vegetation observed is composed of mostly nonnative forbs and grasses. Scattered trash and evidence of off-highway vehicle use was also observed on the site. Additionally, most of the site showed evidence of mechanical disturbance and based on aerial imagery, it appears to have been regularly disturbed over the last 20 years, likely associated with annual weed and fire abatement procedures.

There are four soil types within the Project Footprint:

- Exeter sandy loam, 2 to 8 percent slopes, eroded;
- Madera fine sandy loam, 0 to 2 percent slopes;
- Monserate sandy loam, shallow, 0 to 5 percent slopes; and
- Monserate sandy loam, shallow, 5 to 15 percent slopes, eroded (NRCS 2022).

The Project Site is bounded by an open lot with a similar vegetative composition of disturbed nonnative grasslands to the west, Sherman Road and residential developments to the east, commercial development to the north, and Ethanac Road and commercial developments to the south. Representative site photographs are included in Appendix A.

4.2.2 Vegetation Communities and Land Cover Types

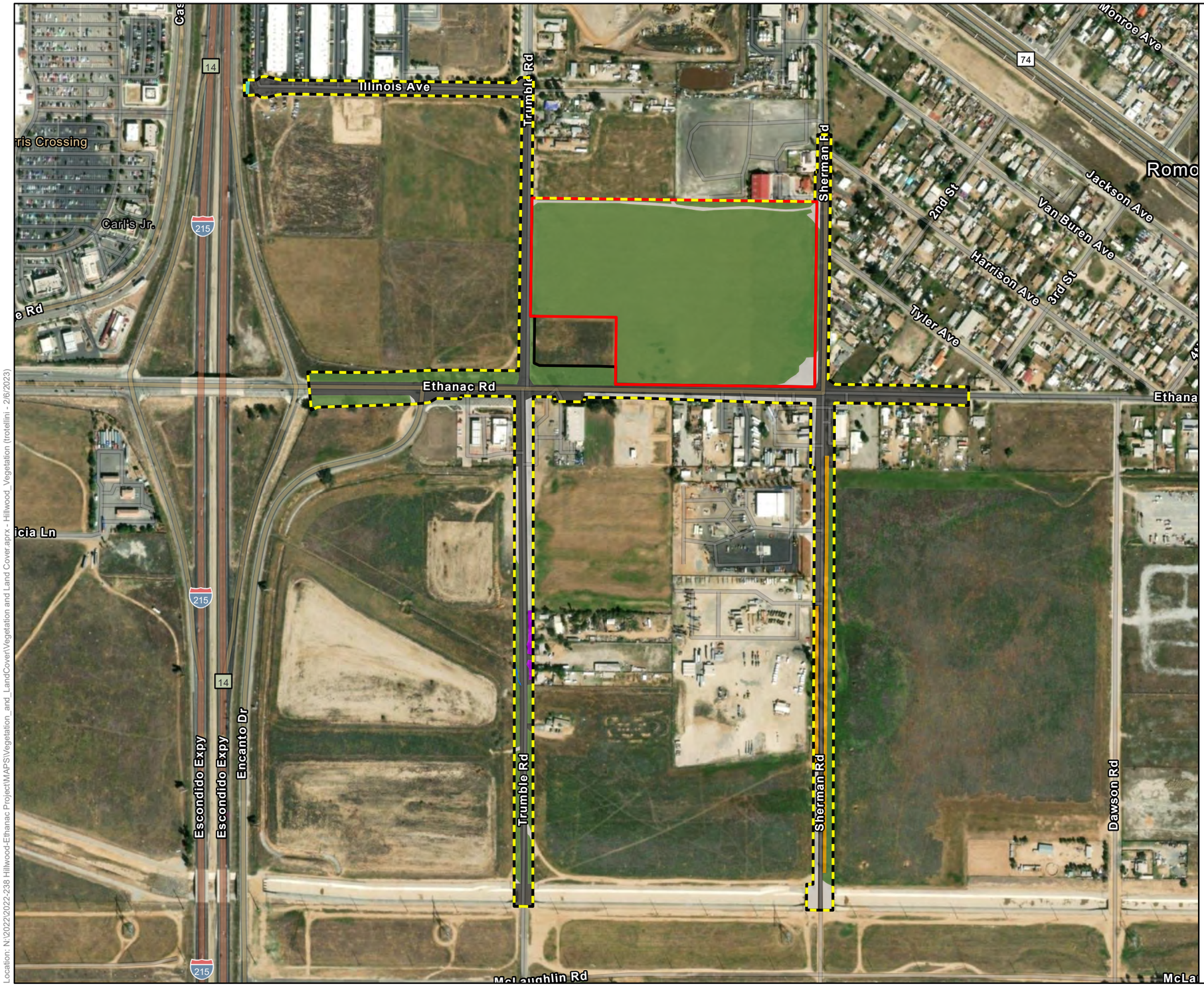
The vegetation communities observed within the Project Footprint were characteristic of areas subjected to anthropogenic disturbances. ECORP identified one vegetation alliance, Eucalyptus groves (*Eucalyptus* spp. Woodland Semi-Natural Alliance) within the offsite improvement area along Sherman Road. Biologists identified an earthen canal and a storm drain area plus four vegetation/land cover types within the Project Footprint that did not meet alliance membership requirements of the MCV (Sawyer et al. 2009). Detailed descriptions of each of these vegetation/land cover types including herbaceous nonnative forbs and grasses, disturbed, urban/developed and ornamental trees are described below and depicted on Figure 4. A full list of plant species observed on and immediately adjacent to the Project Footprint is included in Appendix B.

4.2.2.1 Disturbed

The disturbed classification includes areas where the native vegetation community has been heavily influenced by human actions, such as grading, trash dumping, and off-road use, but lacks development. Disturbed is not a vegetation classification, but rather a land cover type and is not typically restricted to a known elevation. Disturbed areas encompass approximately 2.8 acres and were located throughout the Project Footprint. These areas have been recently disced, lack any vegetation cover due to the proximity to the paved roads, or are existing dirt roads. Vegetation was absent or sparse in areas classified as disturbed.

4.2.2.2 Earthen Canal

ECORP mapped a small portion of a humanmade earthen canal (0.02 acre) within the Project Footprint. The canal leads to an offsite catch basin that carries the flows across the I-215 and eventually to the San Jacinto River. Biologists observed vegetation within this portion of the manmade earthen canal including mule fat (*Baccharis salicifolia*), barbary fig (*Opuntia ficus-indica*), palo verde (*Parkinsonia* sp.), and tamarisk (*Tamarix* sp.).



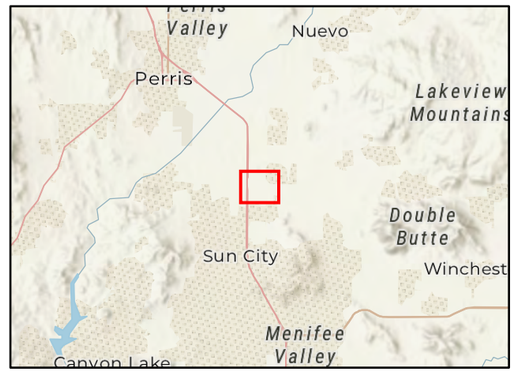
Map Contents

- Project Site
- Offsite Improvement Area
- Project Footprint

Vegetation Communities and Land Cover Types

- Disturbed
- Earthen Canal
- Eucalyptus Grove
- Herbaceous Non-native Forbs and Grasses
- Ornamental Trees
- Storm Drain
- Urban/Developed

Sources: ESRI
Other Related Info if Needed



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Vegetation_and_LandCover\Vegetation and Land Cover.aprx - Hillwood_Vegetation (trotellini - 2/6/2023)

Map Date: 2/2/2023

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Scale in Feet
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Figure 4. Vegetation Communities and Land Cover Types

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4.2.2.3 Eucalyptus Grove (Eucalyptus spp. Woodland Semi-Natural Alliance)

This vegetation community is located within the offsite improvement area along Sherman Road and encompasses approximately 1.1 acres. This vegetation community is dominated primarily by nonnative Eucalyptus trees such as red gum (*Eucalyptus camaldulensis)*.

4.2.2.4 Herbaceous Non-native Forbs and Grasses

Approximately 26.1 acres of the land within the Project Footprint is considered herbaceous nonnative forbs and grasses. This vegetation community was observed in the Project Site and in some areas within the offsite improvement area. Areas mapped within this land cover were largely devoid of native vegetation due to human disturbance and proximity to the roads and were dominated by nonnative weedy and ruderal vegetation. Some areas mapped within the Project Site exhibited human disturbance (e.g., annual discing and mowing).

Nonnative plant species present in this community included primarily nonnative grasses and weedy species such as Bermuda grass (*Cynodon dactylon*), cheeseweed (*Malva parviflora*), pigweed amaranth (*Amaranthus albus*), shortpod mustard (*Hirschfeldia incana*), wild oat (*Avena* sp.), bromegrass (*Bromus diandrus*), and Russian thistle (*Salsola tragus*).

Native species present in this community at the time of the survey included telegraph weed (*Heterotheca grandiflora*), common sunflower (*Helianthus annuus*), and jimson weed (*Datura wrightii*). In addition, scattered trees were observed within the Project Footprint such a gum trees (*Eucalyptus* sp.), juniper (*Platycladus* sp.), olive tree (*Olea europaea*), mule fat, and tree of heaven (*Ailanthus altissima*).

4.2.2.5 Ornamental Trees

ECORP mapped approximately 0.15 acre of ornamental trees within the Project Footprint adjacent to Trumble Road. Biologists observed nonnative tree species including Peruvian peppertree (*Schinus molle*), wattles (*Acacia* sp.), Mexican fan palm trees (*Washingtonia robusta*), olive trees, and tree of heaven.

4.2.2.6 Storm Drain

This area encompasses approximately 0.03 acre and is located within the Project Footprint at the western end of Illinois Avenue. This area contains a large box culvert that collects runoff from Illinois Avenue and I-215. Vegetation observed adjacent to this area includes a few Goodding's black willow (*Salix gooddingii*), yerba mansa (*Anemopsis californica*), one nonnative tamarisk (*Tamarix* sp.), and other nonnative herbaceous species.

4.2.2.7 Urban/Developed

The urban/developed classification includes areas where anthropogenic disturbance has resulted in permanent impacts such as roads, buildings, and other development. Urban/developed areas have little to no vegetation; Urban/developed is not a vegetation classification, but rather a land cover type and is not typically restricted to a known elevation. ECORP mapped approximately 12.7 acres of

urban/developed land cover within the Project Footprint and constitutes primarily the roads along Trumble Road, Illinois Avenue, Ethanac Road, and Sherman Road.

4.2.3 Plants

Plant species observed within the Project Footprint were generally characteristic of disturbed urban/wildland interface areas. Nonnative plant species observed during the biological assessment included wild oat, bromegrass, Bermuda grass, cheeseweed, pigweed amaranth, common stork's bill (*Erodium cicutarium*), small-flowered fiddleneck (*Amsinckia menziesii*), shortpod mustard, and Russian thistle. Native plants observed on the Project Site included telegraph weed, common sunflower, jimson weed, and California aster (*Corethrogyne filaginifolia*). Appendix B provides a full list of plant species observed on the Project Footprint.

4.2.4 Wildlife

The Project Footprint provides habitat for species adapted to disturbances and urban environments. Bird species were observed during the reconnaissance surveys including California horned lark (*Eremophila alpestris*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferus*), and mourning dove (*Zenaida macroura*). ECORP observed two mammal species: desert cottontail (*Sylvilagus audubonii*) and California ground squirrel (*Otospermophilus beecheyi*). Appendix C provides a full list of wildlife species observed on or immediately adjacent to the Project Footprint.

4.2.5 Potential for Special-Status Species to Occur within the Project Footprint

The literature review and database search identified 43 special-status plant species and 56 special-status wildlife species that have the potential to occur within or near the Project Footprint. However, due to the current lack of suitable habitat for the special-status plant and wildlife species, many of the species have a low potential to occur or are presumed absent from the Project Footprint.

4.2.5.1 Special-Status Plants

There were 43 special-status plant species that appeared in the literature review and database searches for the Project Footprint (CDFW 2022a; CNPS 2022). ECORP generated a list from the results of the literature review and evaluated the Project Footprint for suitable habitat that could support any of the special-status plant species on the list.

With various habitat types occurring within the nine-quadrangle search, including the Temescal and Lakeview mountains, several species appeared in the literature review results that had no potential to occur within or near the Project Footprint due to elevational or habitat requirements. Additionally, biologists eliminated CNPS Rare Plant Rank 3 or 4 species from the analysis because these rankings are considered a review list and a watch list, respectively. Table 2 provides descriptions of the CNPS designations. Appendix D consists of a table outlining each species, designation, and potential for occurrence within the Project Footprint.

Table 2. CNPS Status Designations	
List Designation	**Meaning**
1A	Plants Presumed Extirpated in California and Either Rare or Extinct Elsewhere
1B	Plants Rare, Threatened, or Endangered in California and Elsewhere
2A	Plants Presumed Extirpated in California, but Common Elsewhere
2B	Plants Rare, Threatened, or Endangered in California, but More Common Elsewhere
3	Plants about which we need more information; a review list
4	Plants of limited distribution; a watch list
List 1B, 2, and 4 extension meanings:	
.1	Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
.2	Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)

Note: According to CNPS (Skinner and Pavlik 1994), plants on Lists 1B and 2 meet definitions for listing as threatened or endangered under Section 1901, Chapter 10 of the California Fish and Game Code (CDFG 1984). This interpretation is inconsistent with other definitions.

4.2.5.2 Plant Species Present on the Project Footprint

One special-status plant species, paniculate tarplant (*Deinandra paniculata*), was observed in a drainage ditch within the Burrowing Owl Study Area (500-foot buffer) during the biological assessment. However, paniculate tarplant is a California Rare Plant Rank (CRPR) 4.2 species (limited distribution in California) and does not have the same protections that plant species with a rank of 1B do.

4.2.5.3 Plant Species with a Moderate Potential to Occur

Two species were found to have a moderate potential to occur within the Project Footprint. The Project Footprint provides marginal or limited amounts of habitat (including soils and elevation factors) and recently documented observations occur within 5 miles of the Project Footprint; or a historic documented observation (more than 20 years old) was recorded within 5 miles of the Project Footprint. The special-status plant species with a moderate potential are listed below and detailed in Appendix D.

- Smooth tarplant (*Centromadia pungens* ssp. *laevis*) CRPR 1B.1, MSHCP Covered Species.
- Parry's spineflower (*Chorizanthe parryi* var. *parryi*) CRPR 1B.1, MSHCP Covered Species.

4.2.5.4 Plant Species with a Low Potential to Occur

The following six species have a low potential to occur within the Project Footprint because limited habitat for the species occurs onsite and a known occurrence has been reported in the database, but not within 5 miles of the site or a historic documented occurrence (more than 20 years old) was

recorded within 5 miles of the Project Footprint; or suitable habitat strongly associated with the species occurs onsite, but no records were found in the database search. The dense nonnative vegetation observed onsite combined with the mechanically disturbed soils limits the amount of suitable habitat; however, the herbaceous nonnative forbs and grasses on the Project Footprint may provide low-quality suitable habitat for these species.

- Munz's onion (*Allium munzii*), federally listed (Endangered), state-listed (Threatened), CRPR 1B.1, MSHCP Covered Species.
- Jaeger's milk-vetch (*Astragalus pachypus* var. *jaegeri*), CRPR 1B.1, MSHCP Covered Species.
- San Jacinto Valley crownscale (*Atriplex coronata* var. *notatior),* federally listed (Endangered), state-listed (Threatened), CRPR 1B.1, MSHCP Covered Species.
- Thread-leaved brodiaea (*Brodiaea filifolia*), federally listed (Threatened), state-listed (Endangered), CRPR 1B.1, MSHCP Covered Species.
- Intermediate mariposa lily (*Calochortus weedii* var. *intermedius*), CRPR 1B.2, MSHCP Covered Species.
- Long-spined spineflower (*Chorizanthe polygonoides* var. *longispina*) CRPR 1B.2, MSHCP Covered Species.

4.2.5.5 Plant Species Presumed Absent

A total of 35 plant species were presumed absent from the Project Footprint due to lack of suitable habitat (including elevation and soils) within the Project Footprint or because the Project Footprint is located outside of the known range for the species. A table outlining each species, their designations, and potential for occurrence on the Project Footprint can be found in Appendix D.

4.2.5.6 Special-Status Wildlife

The literature search documented 56 special-status wildlife species in the vicinity of the Project Footprint. ECORP generated a list from the results of the literature review and evaluated the Project Footprint for suitable habitat that could support any of the special-status wildlife species on the list. The Project Site's long history of mechanical disturbances (e.g., discing, mowing) on the site, proximity to residential development, and the presence of anthropogenic influences on the site likely preclude many of these species from occurring. A brief natural history and discussion of the special-status wildlife species found to be present onsite or to have a moderate potential to occur within the Project Footprint is provided below. Appendix E provides a table outlining each species, their designations, and potential for occurrence within the Project Footprint.

4.2.5.7 Wildlife Species Present on the Project Footprint

The following species was observed within the Project Footprint during the biological reconnaissance survey.

California Horned Lark

California horned lark (*Eremophila alpestris actia*) is a MSHCP Covered Species and CDFW Watch List species. Horned larks favor bare open areas dominated by low vegetation or widely scattered shrubs, including prairies, deserts, and plowed fields. They nest in hollows on the ground. Suitable habitat is present within the open and disturbed habitat within the Project Footprint. In addition to being observed during the biological assessment, the literature review returned several recent and historic records within 5 miles of the Project Footprint.

4.2.5.8 Wildlife Species with a Moderate Potential to Occur

Seven species were found to have a moderate potential to occur within the Project Footprint because of one of the following factors:

- Although these species were not observed during the biological reconnaissance survey, somewhat suitable habitat for the species occurs onsite, and a known occurrence has been reported in the database, but not within 5 miles of the site; or
- a historic documented observation (more than 20 years old) was recorded within 5 miles of the Project Footprint; or
- a recently documented observation occurs within 5 miles of the site and marginal or limited amounts of habitat occurs onsite.

The special-status wildlife species with a moderate potential are listed below and detailed in Appendix E.

- California glossy snake (*Arizona elegans occidentalis*), CDFW SSC.
- Cooper's hawk (*Accipiter cooperii*), CDFW Watch List Species, MSHCP Covered Species.
- BUOW, CDFW SSC, MSHCP Covered Species.
- Ferruginous hawk (*Buteo regalis*), CDFW Watch List Species, MSHCP Covered Species.
- Loggerhead shrike (*Lanius ludovicianus),* CDFW SSC, MSHCP Covered Species.
- Stephens' kangaroo rat (*Dipodomys stephensi*), federally listed (Endangered), state-listed (Threatened), MSHCP Covered Species.
- San Diego black-tailed jackrabbit (*Lepus californicus bennettii*), CDFW SSC, MSHCP Covered Species.

4.2.5.9 Wildlife Species with a Low Potential to Occur

The following seven species have a low potential to occur within the Project Footprint because of one of the following factors:

- There is limited habitat for the species onsite and a known occurrence has been reported in the database, but not within 5 miles of the site; or

- a historic documented observation (more than 20 years old) was recorded within 5 miles of the Project Footprint; or
- suitable habitat strongly associated with the species occurs onsite, but no records were found in the database search.

The herbaceous nonnative forbs and grasses within the Project Footprint provides low-quality habitat for species typically associated with grassland and scrub vegetation communities. Furthermore, the dense nonnative vegetation observed onsite, combined with the mechanically disturbed soils, severely limits the amount of suitable habitat for these species. The special-status wildlife species with a low potential are listed below and detailed in Appendix E.

- Crotch bumblebee (*Bombus crotchii*), state-listed (candidate).
- Western spadefoot (*Spea hammondii*), CDFW SSC, MSHCP Covered Species.
- Red-diamond rattlesnake (*Crotalus ruber*), CDFW SSC, MSHCP Covered Species.
- Coast horned lizard (*Phrynosoma blainvillii*), CDFW SSC, MSHCP Covered Species.
- White-tailed kite (*Elanus leucurus*), Fully Protected Species (FP), MSHCP Covered Species.
- Los Angeles pocket mouse (*Perognathus longimembris brevinasus*), CDFW SSC, MSHCP Covered Species.
- Jacumba pocket mouse (*Perognathus longimembris internationalis*), CDFW SSC.

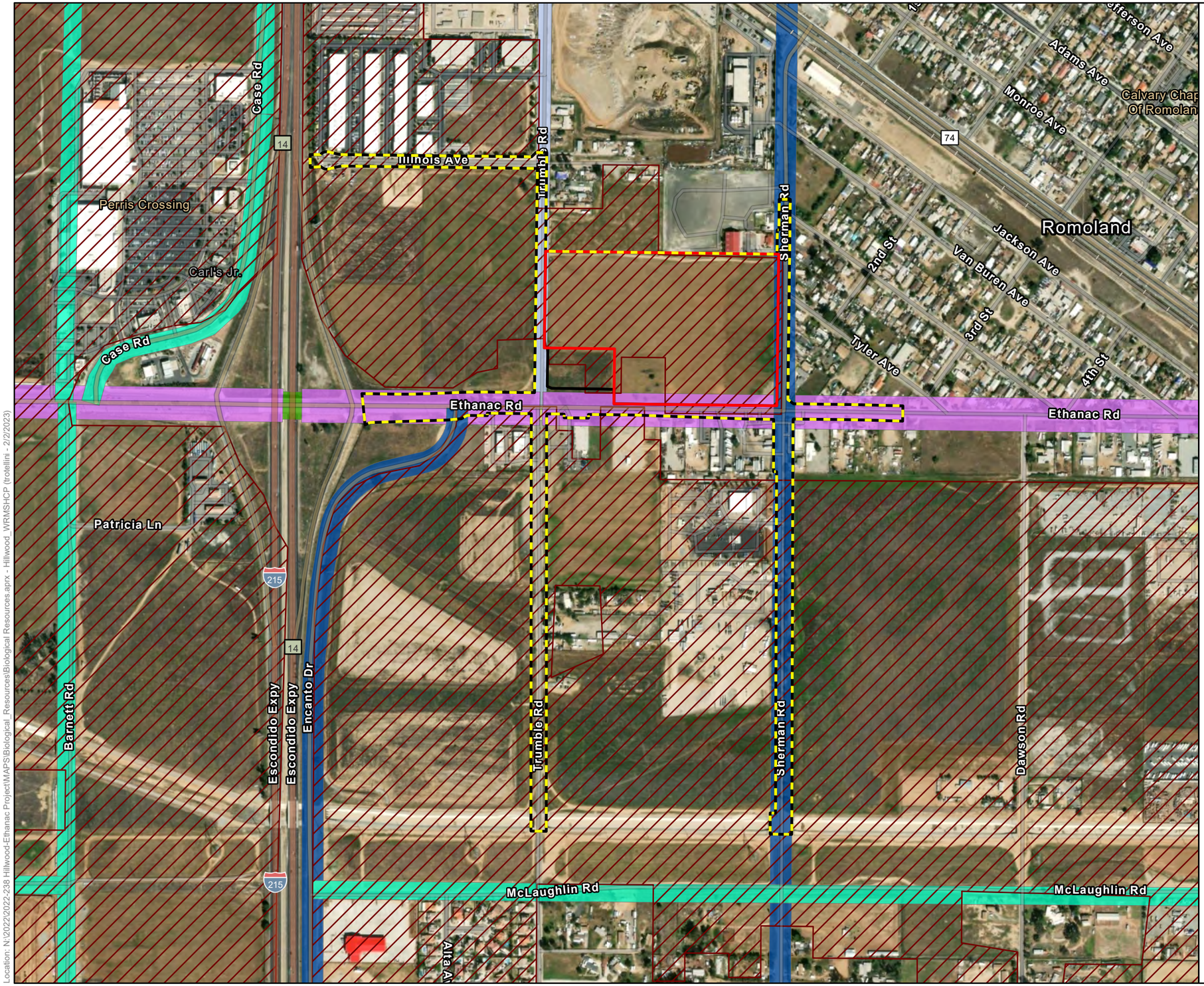
4.2.5.10 Wildlife Species Presumed Absent

A total of 41 species were presumed absent. These species were not present at the Project Site during the biological reconnaissance survey and the habitat present within the Project Footprint was not suitable. For some species, there were historic or recent sightings near the Project Footprint; however, these species are presumed absent due to the lack of suitable habitat within the Project Footprint. Appendix E outlines each species, their designations, and potential for occurrence within the Project Footprint.

4.3 Burrowing Owl Survey Results

A BUOW habitat assessment was required because the Project Footprint is located within a MSHCP-designated BUOW survey area (Figure 5). ECORP conducted the BUOW habitat assessment and focused burrow survey concurrently with the biological reconnaissance survey on November 9, 2022 and on January 17, 2023 by ECORP biologists Ms. Marriner and Ms. Richardson within the Project Footprint and a 500-foot buffer. Weather conditions during the assessment are summarized in Table 1.

The assessment determined the site included suitable habitat for BUOW consisting of relatively large open expanses of sparsely vegetated nonnative forbs and grasses on level to gently rolling terrain, with an abundance of active California ground squirrel burrows. The presence of the ground squirrel burrows onsite provides suitable burrow habitat for owls. ECORP recorded potential burrows within the Burrowing Owl Study Area (Figure 3).



Map Contents

- Project Site
- Offsite Improvement Area
- Project Footprint

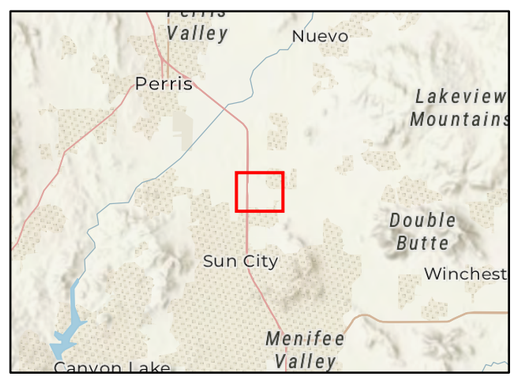
MSHCP Species Survey Areas

- MSHCP Burrowing Owl Survey Area

MSHCP Covered Roads Right-of-Way

- Expressway
- Urban Arterial
- Arterial
- Major
- Secondary
- Collector

Sources: ESRI
Other Related Info if Needed



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Biological_Resources\Biological Resources.aprx - Hillwood_WRMSHCP (trotellini - 2/2/2023)

Map Date: 1/27/2023

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Scale in Feet
0 275 550

Figure 5. Western Riverside County MSHCP Designation

2022-238 Hillwood-Ethanac Project

Four focused burrowing owl surveys were conducted during the breeding season to determine the presence of burrowing owls on the Project Footprint due to the presence of suitable habitat, including potential burrows. The focused surveys followed the MSHCP *Burrowing Owl Survey Instructions* (RCTLMA 2006). In addition to BUOW focused surveys, pre-construction surveys will be required within 30-days prior to site disturbance (RCTLMA 2022). Mitigation measures discussing additional survey requirements are described in Section 6.0.

No BUOW or active signs thereof were observed during the habitat assessment or focused burrowing surveys within the Burrowing Owl Study Area. Suitable burrows were observed within the study area during the surveys. Methodology, results of the literature review, existing conditions and results from the BUOW focused surveys are included in Attachment F.

4.4 Raptors and Migratory Birds

Potential nesting habitat for migratory birds and raptors protected by the MBTA and California Fish and Game Code was present within and adjacent to the Project Footprint in some of the larger trees and shrubs. Additionally, the open areas and ground could be suitable for some ground nesting species (e.g., mourning dove, killdeer). Raptors typically breed between February and August, and songbirds and other passerines generally nest between March and August. There is potential for nesting to occur within the Project Footprint due to the presence of suitable nesting habitat.

4.5 Aquatic Resources Delineation

ECORP conducted a desktop review to identify potential streams and hydric soils on the property. This entailed examination of the NRCS Soil Mapper (2022), National Wetland Inventory mapping, and the USGS topographic mapping of the Project Footprint to aid in identifying potential biological constraints to the Project due to jurisdictional streams. Additionally, biologists walked the property to look for signs of ordinary high-water mark as defined by the *Corps of Engineers Wetlands Delineation Manual* (Environmental Laboratory 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Arid West Region Supplement)* (USACE 2008). There was water puddling in a series of tire ruts along a dirt road at the northern edge of the Project Site and in some areas within the offsite improvement area; however, the Project Site was determined to have a low potential for other aquatic features including vernal pools and human-modified depressions. Hernandez Environmental conducted a formal Aquatic Resources Delineation (ARD) within the Project Footprint on December 6 and 26, 2022. The boundaries of potential jurisdictional areas were formally delineated, and the results of the survey can be found in Appendix G.

4.6 Wildlife Movement Corridors, Linkages, and Significant Ecological Areas

The concept of habitat corridors addresses the linkage between large blocks of habitat that allow the safe movement of mammals and other wildlife species from one habitat area to another. The definition of a corridor is varied, but corridors may include such areas as greenbelts, refuge systems, underpasses, and biogeographic land bridges. In general, a corridor is described as a linear habitat, embedded in a dissimilar matrix, which connects two or more large blocks of habitat. Wildlife movement corridors are

critical for the survivorship of ecological systems for several reasons. Corridors can connect water, food, and cover sources, spatially linking these three resources with wildlife in different areas. In addition, wildlife movement between habitat areas provides for the potential of genetic exchange between wildlife species populations, thereby maintaining genetic variability and adaptability to maximize the success of wildlife responses to changing environmental conditions. This is especially critical for small populations subject to loss of variability from genetic drift and effects of inbreeding. Naturally, the nature of corridor use and wildlife movement patterns varies greatly among species.

ECORP assessed the Project Site for its ability to function as a wildlife corridor. The Project Site likely provides wildlife movement opportunities because it consists of open land. It is possible the Project Footprint may play a minor role in local wildlife dispersal and foraging. Common wildlife species including coyotes (*Canis latrans*), skunks (*Mephitis mephitis*), opossums (*Didelphis virginiana*), and raccoons (*Procyon lotor*) may travel through the site and neighboring developed areas, but the site does not provide connectivity between large areas of open space on a local or regional scale. The Site's value as a corridor is lessened by the fact that it borders residential developments to the east and commercial developments to the north, and is moderately disturbed due to anthropogenic factors.

5.0 IMPACT ANALYSIS

Impacts to sensitive biological resources resulting from construction activities are presented below.

5.1 Special-Status Species

The Project Footprint consists of herbaceous nonnative forbs and grasses, disturbed land with large portions devoid of native vegetation, developed paved roads, ornamental trees, and a eucalyptus grove along Sherman Road.

The literature review and database searches identified 43 special-status plant species. Of these 43 special-status plants, two were found to have a moderate potential to occur within the Project Footprint due to the presence of marginally suitable habitat and records within 5 miles: smooth tarplant and Parry's spineflower. These plant species are MSHCP covered species; thus, additional surveys will not be required.

A total of six species had a low potential to occur onsite and 35 plant species were presumed absent. One special status species, paniculate tarplant, was observed within the 500-foot buffer; however, this species has a CRPR rank of 4.2 (limited distribution in California) and does not have the same protections as plant species with a rank of 1B; therefore, potential impacts to this species are not considered significant. The Project Site is highly disturbed and no additional sensitive plant species were observed during the biological surveys. No impacts to special-status plant or narrow endemic plant species are expected to occur as a result of the Proposed Project.

Of the 56 special-status wildlife species identified in the literature search, one bird species was present during the biological reconnaissance survey: California horned lark (Watch List species). Marginally suitable habitat for this sensitive bird species including the herbaceous nonnative forbs and grasses occurs within the Project Footprint. Additionally, the large gum trees and other ornamental trees located within the Project Footprint could provide nesting habitat for nesting birds and raptors

protected by the MBTA and California Fish and Game Code. Ground-disturbing construction activities could directly affect nesting birds and other birds protected by the MBTA and their nests through habitat removal on the Project Footprint, and indirectly through increased noise, vibrations, and increased human activity if any tree or vegetation removal needs to occur during the bird breeding season (typically January 15 through August 31). Potential impacts to sensitive bird species and/or nesting birds would be less than significant with the implementation of Mitigation Measure (MM) BIO-1.

A total of seven wildlife species were determined to have moderate potential to occur within the Project Footprint: BUOW, loggerhead shrike, California glossy snake, red-diamond rattlesnake, ferruginous hawk, San Diego black-tailed jackrabbit, and Stephens' kangaroo rat (SKR). Six of these species are covered by the MSHCP and, other than SKR, which is federally listed (Threatened), none of the other species are listed under the federal or California ESAs. These wildlife species are covered under the MSHCP and considered adequately conserved; no additional surveys or mitigation will be required. Although potential impacts to SKR are covered by the MSHCP and SKR HCP, potential impacts to SKR habitat within the SKR HCP area will require Mitigation Fee payment of $500 per gross acre of the parcels proposed for development within the SKR HCP Fee Area.

California glossy snake is not covered under the MSHCP. This species, if present, could be subject to direct impacts through ground disturbance and indirect impacts from noise, vibrations, and increased human activity related to Project activities. However, this species is only expected to occur in very low densities and Project-related impacts would not be expected to contribute to the overall decline of populations for these species due to the lack of high-quality habitat within the Project Footprint, the Site's history of anthropogenic disturbances, and the presence of urban development adjacent to the Project Site. Therefore, potential impacts to California glossy would not be considered significant under CEQA and additional surveys and mitigation are not necessary.

The BUOW was found to have a moderate potential for occurrence and the Project Footprint is located within a designated survey area under the MSHCP for BUOW (RCA 2022). The biological reconnaissance survey and habitat assessment determined that suitable BUOW habitat was present within the BUOW Study Area. Four focused surveys were performed to further ascertain presence of the species during the breeding season; however, no BUOW or signs of BUOW were observed during the surveys. Due to the mobile nature of the species, it is also possible that BUOW could use the Site prior to the start of Project activities. If BUOW are present within the Project Footprint, direct impacts in the form of ground disturbance, vegetation removal, habitat loss, and mortality and indirect impacts from construction noise and vibrations may occur. Potential impacts to BUOW would be less than significant with the implementation of MMs BIO-1, BIO-2, and BIO-3.

A total of seven wildlife species have a low potential to occur within the Project Footprint. Five of the seven species are covered under the MSHCP and considered adequately conserved and will not require additional surveys or mitigation. The remaining two species include Crotch bumble bee and Jacumba pocket mouse. These species, if present, could be subject to direct impacts through ground disturbance and indirect impacts from construction noise, vibrations, and increased human activity related to the development of the Project Site. However, due to the lack of suitable habitat within the impact area, the site's long history of anthropogenic disturbances, and the presence of urban development immediately

adjacent to the Project Footprint, these species, if present in the impact area, are only expected to occur in very low densities and Project-related impacts would not be expected to contribute to the overall decline of populations for these species; therefore, potential impacts to these species would not be considered significant and additional surveys and mitigation are not necessary.

5.2 Sensitive Natural Communities

No sensitive natural communities were observed within the Project Footprint. No impacts to sensitive natural communities are anticipated to result from the Proposed Project.

5.3 State or Federally Protected Wetlands and Waters of the U.S.

The results of the surveys and potential impacts to jurisdictional waters observed within the Project Footprint are included in Appendix G. The Project is expected to impact approximately 0.05 acre (132 linear feet) of an ephemeral stream and a cement-lined channel within the offsite improvement area along Trumble Road (Appendix G), and associated habitat that would be regulated under Section 1602 of the California Fish and Game Code. Impacts to these features would require the CDFW to be notified of these impacts under a Notification of Lake of Streambed Alteration Agreement pursuant to California Fish and Game Code Section 1602. The Project is expected to impact approximately 0.04 acre (132 linear feet) of the ephemeral stream, which is considered a Waters of the U.S. Impacts to onsite Waters of the U.S. will qualify for a Nationwide Permit (NWP) 14 from the USACE. The impacts to Waters of the U.S. within the human-made earthen canal and the cement-lined channel would require individual permits, according to Decision Document NWP 14 "each crossing is considered a single and complete project for purposes of NWP authorization." See more details regarding impacts to jurisdictional waters in Appendix G.

5.4 Wildlife Corridors and Nursery Sites

The Project Footprint likely provides wildlife movement opportunities because it consists of open and unimpeded land. However, the Project Site's value as a corridor is lessened by the fact that it borders residential developments to the east, commercial development to the north and south, and is disturbed due to anthropogenic factors. No migratory wildlife corridors or native wildlife nursery sites were identified within the Project Footprint. No impacts to these resources are expected to occur during the development of the Project.

5.5 Covered Roads (Multiple Species Habitat Conservation Plan Section 2.11.2)

Sherman Road is a publicly maintained MSHCP cover road. Safety improvements to publicly maintained existing roadways and necessary operation and maintenance activities conducted for safety purposes within Public/Quasi-Public Lands are Covered Activities. Covered maintenance activities include signage, traffic control devices, guardrails and fences, pavement repairs, accident response, tree trimming, natural disaster damage/restoration of emergency access, storm drainage, weed control, grading shoulders (up to 12 feet), grading existing dirt roadways, dust stabilization, culverts/drop structures, curbs/gutters/sidewalks, roadway widening, berms, roadway resurfacing, ditch clearing,

landscape maintenance, bridge maintenance, and roadway reconstruction. Guidelines are provided in Section 7.3.5 of the MSHCP, which would minimize and avoid impacts to sensitive species and habitats occurring adjacent to the existing roadway. The best management practices in Appendix C of the MSHCP would be applied as appropriate.

5.6 Habitat Conservation Plans and Natural Community Conservation Plans

The Project Site is located within the planning area for the Western Riverside MSHCP. The Project is not located within any Conservation Areas. The Project Site is located within a MSHCP-designated survey area for BUOW. Implementation of appropriate MMs would be consistent with the MSHCP requirements and therefore reduce any potential impacts to less than significant.

5.6.1.1 MSHCP Implementation Structure

Section 6.0 of the MSHCP requires assessment of the potential effects from the Project on biological resources including riparian/riverine areas, vernal pools, fairy shrimp, BUOW, and narrow endemic plant species. In addition, the MSHCP requires an Urban/Wildlands Interface analysis be conducted in order to address the indirect effects associated with locating proposed development in proximity of MSHCP Conservation Areas. These resources were assessed during the reconnaissance survey and are discussed below in relation to the Project.

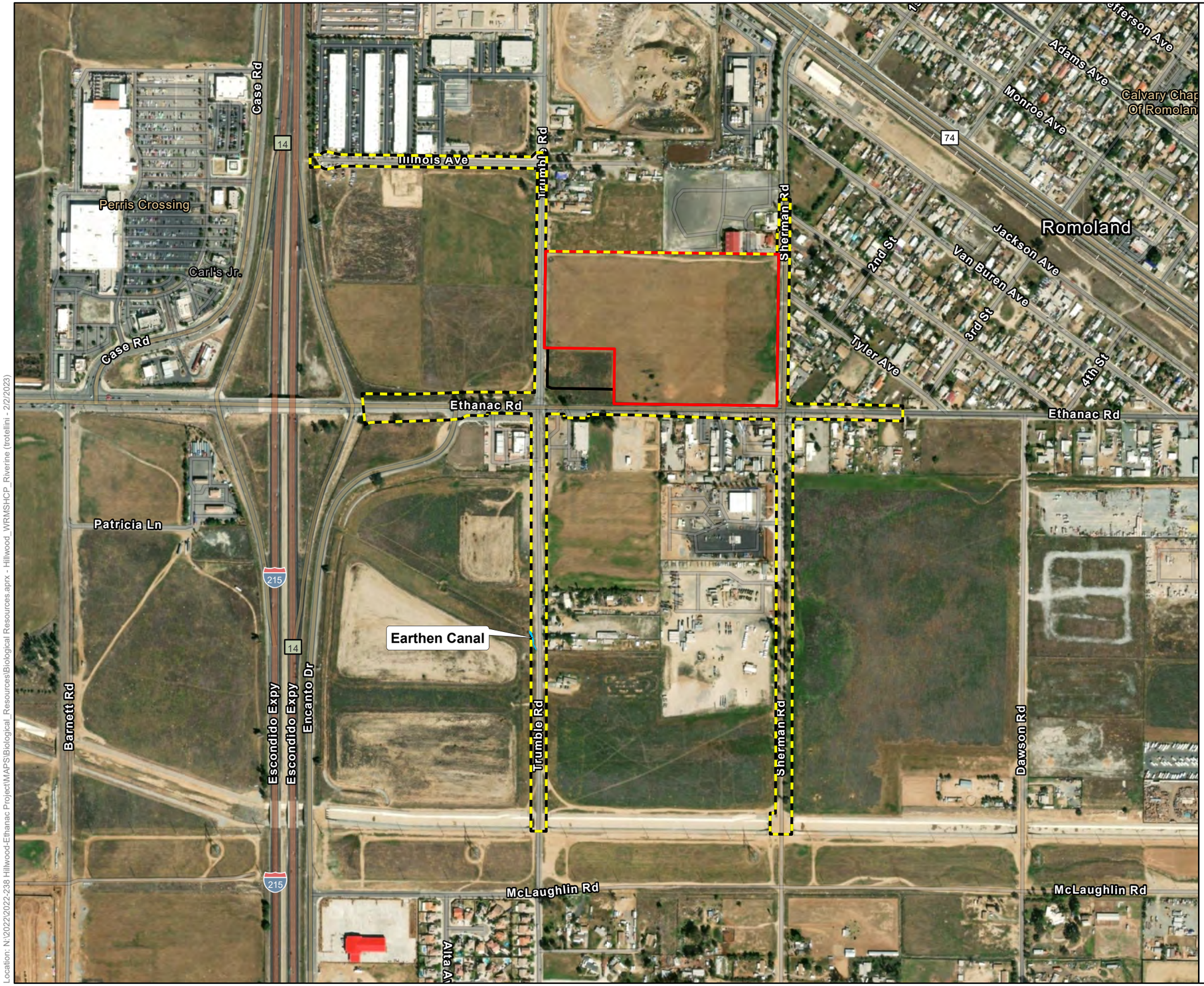
5.6.1.2 Riparian/Riverine and Riparian Bird Habitat (MSHCP Section 6.1.2)

In accordance with Section 6.1.2 of the MSHCP, ECORP performed a habitat assessment for riparian and riverine communities, vernal pools, and fairy shrimp. The MSHCP defines Riparian and Riverine resources as:

> ""…lands which contain habitat dominated by trees, shrubs, persistent emergents, or emergent moss and lichens, which occur close to or depend upon soil moisture from a nearby fresh water source; OR areas with fresh water flow during all or a portion of the year."

Biologists evaluated potential Riparian/Riverine aquatic areas concurrently with the ARD, and detailed methods are provided in Appendix G. Hernandez Environmental biologists conducted the delineation for the entire Project Footprint in December 2022.

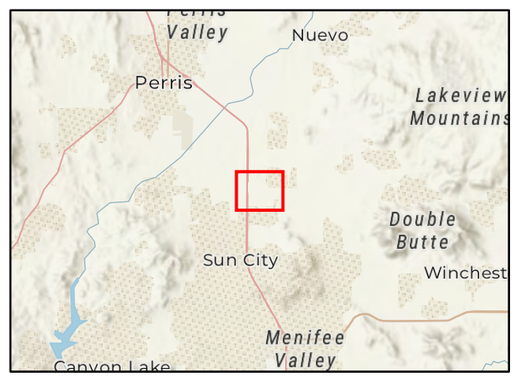
The Project Footprint contains approximately 0.05 acre (132 linear feet) of CDFW jurisdictional ephemeral features and associated vegetation regulated under Section 1602 of the California Fish and Game Code (Figure 6). CDFW jurisdiction was measured from top of bank to top of bank or outside the dripline of associated riparian habitat. The CDFW jurisdictional areas on the Project Footprint include 0.02 acre (108 linear feet) of canal and associated mule fat and palo verde as shown on Figure 6. The humanmade earthen canal collects ephemeral flows and directs them northwest. The canal leads to an offsite catch basin that carries the flows across I-215 and eventually to the San Jacinto River. Vegetation observed within the portion of the humanmade earthen canal includes mule fat, Barbary fig (*Opuntia ficus-indica*), palo verde, and tamarisk. Shortpod mustard was the dominant species in the herbaceous layer within the canal.



Map Contents

- Project Site
- Offsite Improvement Area
- Project Footprint
- Riverine Feature

Sources: ESRI
Other Related Info if Needed



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Biological_Resources\Biological Resources.aprx - Hillwood_WRMSHCP_Riverine (trotellini - 2/2/2023)

Map Date: 1/27/2023

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Scale in Feet
0 275 550

Figure 6. MSHCP Riparian/Riverine Habitat

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The MSHCP also requires habitat assessments/focused surveys for certain species identified under Section 6.1.2, including riparian birds and fairy shrimp. The results of the literature review and habitat assessment determined that although some scattered mule fat and isolated willow trees were observed in some portions of the Project Site, the Project Footprint does not likely contain suitable habitat for riparian bird species including southwestern willow flycatcher (*Empidonax traillii extimus*), least Bell's vireo *(Vireo bellii pusillus*), and western yellow-billed cuckoo (*Coccyzus americanus occidentalis*). There were no indicators of surface flow and the area was not extensive enough to identify as its own vegetation community. The habitat was narrow in width (i.e., only scattered trees) with no understory, and lacked the structure required for southwestern willow flycatcher, least Bell's vireo, and western yellow-billed cuckoo nesting activities. These species typically require dense willow thickets in the understory of riparian vegetation communities for nesting purposes. The mule fat and the isolated willows were not structurally correct for riparian obligate bird species and there was no evidence or indicators of surface flow. Therefore, these trees would not be considered a riparian/riverine resource that would need to be conserved per the MSHCP.

5.6.1.3 Vernal Pool, and Fairy Shrimp Habitat Assessment (MSHCP Section 6.1.2)

The MSHCP defines vernal pools as:

> "…seasonal wetlands that occur in depression areas that have wetlands indicators of all three parameters (soils, vegetation and hydrology) during the wetter portion of the growing season but normally lack wetlands indicators of hydrology and/or vegetation during the drier portion of the growing season."

Based on the literature review, field survey observations, and Google Earth imagery, the Project Site appears to have been regularly disturbed over at least the last 20 years and there was no evidence of vernal pools; fairy shrimp species are not anticipated to be within the Project Footprint. Due to lack of hydric/clays soils, ongoing disturbances, no records of fairy shrimp within 5 miles of the Project Footprint, ECORP determined that vernal pool fairy shrimp has no potential to occur. Therefore, no additional surveys are required due to the lack of suitable habitat, and the Project is consistent with Section 6.1.2 of the MSHCP.

5.6.1.4 Narrow Endemic Plant Species (MSHCP Section 6.1.3)

ECORP reviewed the Riverside RCA MSHCP Information Map to determine if the Project Footprint was located within a Narrow Endemic Plant Species Survey Area (NEPSSA), in accordance with Section 6.1.3 of the MSHCP. The Project Footprint is not located within a NEPSSA (RCA 2022). Therefore, the Project is consistent with Section 6.1.3 of the MSHCP.

5.6.1.5 Urban/Wildlands Interface Guidelines (MSHCP Section 6.1.4)

The Project Footprint does not share a border with any adjacent MSHCP-designated conserved lands. Therefore, the Project is consistent with Section 6.1.4 of the MSHCP.

5.6.1.6 Additional Surveys (MSHCP Section 6.3.2)

The RCA MSHCP Information Map was reviewed to determine if the Project Footprint was located with any MSHCP-designated survey areas. The Information Map revealed the Project Footprint is located within a survey area for BUOW but is located outside of the survey areas for amphibians, small mammals, Delhi-sands flower-loving fly (*Rhaphiomidas terminatus abdominalis*), and other criteria species. Therefore, habitat assessments for BUOW were conducted concurrently with the biological reconnaissance survey.

The biological survey and BUOW habitat assessment determined suitable foraging and burrow habitat is present within some of the open areas of the Project Site and within the disturbed/developed habitat of the Project Footprint.

Four focused BUOW surveys were conducted during the breeding season to determine the presence of BUOW within the Project Footprint due to the presence of suitable habitat, including potential burrows. The focused surveys followed the MSHCP *Burrowing Owl Survey Instructions* (RCTLMA 2006). Although potentially suitable habitat was present in the Study Area, no BUOW, or occupied burrows (e.g., burrows containing whitewash, pellets, feathers, bones of prey items) were observed during the protocol-level focused surveys for BUOW. Mitigation measures discussing additional survey requirements are described in Section 6.0. Additionally, a pre-construction survey will be required within 30 days prior to site disturbance.

6.0 MITIGATION MEASURES

The following MMs would reduce impacts to sensitive biological resources to a less than significant level.

BIO-1 **Pre-construction Survey for Nesting Birds:** In order to avoid violation of the Migratory Bird Treaty Act (MBTA) and the California Fish and Game Code Sections 3503, 3503.5, and 3513, site preparation activities (ground disturbance, construction activities, staging equipment, and/or removal of trees and vegetation) for the Project shall be avoided, to the greatest extent possible, during the nesting season of potentially occurring native and migratory bird species. If site-preparation activities are proposed during the nesting/breeding season, the Project proponent shall retain a qualified biologist to conduct a pre-activity field survey prior to the issuance of grading permits for the Project to determine if active nests of species protected by the MBTA or the California Fish and Game Code are present in the construction zone. The nest surveys shall include the Project Site and adjacent areas where Project activities have the potential to cause nest failure. The survey results shall be provided to the City's Planning Division. The Project proponent shall adhere to the following: 1. The Project proponent shall designate a biologist (Designated Biologist) experienced in: identifying local and migratory bird species of special concern; conducting bird surveys using appropriate survey methodology; nesting surveying techniques, recognizing breeding and nesting behaviors, locating nests and breeding territories, and identifying nesting stages and nest success; determining/establishing appropriate avoidance and minimization measures; and

monitoring the efficacy of implemented avoidance and minimization measures. 2. Pre-activity field surveys shall be conducted at the appropriate time of day/night, during appropriate weather conditions, no more than 3 days prior to the initiation of Project development activities. Surveys shall encompass all suitable areas including trees, shrubs, bare ground, burrows, cavities, and structures. Survey duration shall take into consideration the size of the project site; density, and complexity of the habitat; number of survey participants; survey techniques employed; and shall be sufficient to ensure the data collected is complete and accurate. If no nesting birds are observed during the survey, site preparation and construction activities may begin conducted during the nesting/breeding season. However, if active nests (including nesting raptors) are located then avoidance or minimization measures shall be undertaken in consultation with the City of Perris and the CDFW. Measures shall include immediate establishment of an appropriate buffer zone to be established by a qualified biologist, and approved by the City of Perris, based on their best professional judgement and experience. The buffer around the nest shall be delineated and flagged, and no construction activity shall occur within the buffer area until a qualified biologist determines nesting species have fledged and the nest is no longer active or the nest has failed. The biologist shall monitor the nest at the onset of Project activities, and at the onset of any changes in such Project activities (e.g., increase in number or type of equipment, change in equipment usage, etc.) to determine the efficacy of the buffer. If the biologist determines that such Project activities may be causing an adverse reaction, the biologist shall adjust the buffer accordingly or implement alternative avoidance and minimization measures, such as redirecting or rescheduling construction or erecting sound barriers. All work within these buffers will be halted until the nesting effort is finished (i.e., the juveniles are surviving independent from the nest). The onsite biologist shall review and verify compliance with these nesting avoidance buffers and shall verify the nesting effort has finished. Work can resume within these avoidance areas when no other active nests are found. Upon completion of the survey and nesting bird monitoring, a report shall be prepared and submitted to City of Perris Planning Division for mitigation monitoring compliance record keeping.

BIO-2 **Pre-construction Surveys for BUOW:** The Project proponent shall retain a qualified biologist to conduct a pre-construction survey for resident burrowing owls within 30 days prior to commencement of initial ground-disturbing activities (e.g., vegetation clearing, clearing and grubbing, grading, tree removal, site watering, equipment staging) at the Project Site. The survey shall include the Project Site and all suitable burrowing owl habitat within a 500-foot buffer. The results of the survey shall be submitted to the City of Perris Planning Division prior to obtaining a grading permit. In addition, a pre-construction survey for resident burrowing owls shall also be conducted within three days prior to commencement. If burrowing owls are observed during the Migratory Bird Treaty Act (MBTA) nesting bird survey (MM BIO-1, to be conducted within three days of ground disturbance or vegetation clearance, the observation shall be reported to the CDFW and the US Fish and Wildlife Service (USFWS). If ground disturbing activities in these areas are delayed or suspended for more than 30 days after the pre-construction survey, the area shall be resurveyed for owls. The pre-construction survey and any relocation activity will

be conducted in accordance with the current Burrowing Owl Instruction for the Western Riverside MSHCP. If burrowing owl are not detected during the pre-construction survey, no further mitigation is required. If burrowing owl are detected, the CDFW shall be sent written notification within three days of detection of burrowing owls. If active nests are identified during the pre-construction survey, the Project applicant shall not commence activities until no sign is present that the burrows are being used by adult or juvenile owls or following CDFW approval of a Burrowing Owl Plan as described below. If owl presence is difficult to determine, a qualified biologist shall monitor the burrows with motion-activated trail cameras for at least 24 hours to evaluate burrow occupancy. The qualified biologist and Project applicant shall coordinate with the City of Perris Planning Division, the US Fish and Wildlife Service (USFWS), and the CDFW to develop a Burrowing Owl Plan to be approved by the City in consultation with the CDFW and the USFWS prior to commencing project activities. The Burrowing Owl Plan shall be prepared in accordance with guidelines in the CDFW Staff Report on Burrowing Owl (March 2012) and MSHCP. The Burrowing Owl Plan shall describe proposed avoidance, minimization, relocation, and monitoring as applicable. The Burrowing Owl Plan shall include the number and location of occupied burrow sites and details on proposed buffers if avoiding the burrowing owls and/ or information on the adjacent or nearby suitable habitat available to owls for relocation. If no suitable habitat is available nearby for relocation, details regarding the creation and funding of artificial burrows (numbers, location, and type of burrows). and management activities for relocated owls may also be required in the Burrowing Owl Plan. The permittee shall implement the Burrowing Owl Plan following CDFW and USFWS review and concurrence. A final letter report shall be prepared by the qualified biologist documenting the results of the Burrowing Owl Plan. The letter shall be submitted to CDFW prior to the start of project activities. The onsite qualified biologist will verify the nesting effort has finished according to methods identified in the Burrowing Owl Plan. When the biologist determines that burrowing owls are no longer occupying the Project site per the criteria in the Burrowing Owl Plan, Project activities may begin.

BIO-3: If burrowing owl are discovered to occupy the Project Site after Project activities have started, then construction activities shall be halted immediately. The Project proponent shall notify the CDFW and the USFWS within 48 hours of detection. A Burrowing Owl Plan, shall be implemented. The Burrowing Owl Plan shall be submitted to the CDFW for review and approval within two weeks of detection and no Project activity shall continue within 1,000 feet of the burrowing owls until the CDFW approves the Burrowing Owl Plan. The Project proponent shall be responsible for implementing appropriate avoidance and mitigation measures, including burrow avoidance, passive or active relocation, or other appropriate mitigation measures as identified in the Burrowing Owl Plan.

6.1 Recommendations

CDFW and RWQCB jurisdictional waters are regulated by state and local governments under a no-net-loss policy, and all impacts are considered significant and should be avoided to the greatest extent possible. Impacts to jurisdictional waters require mitigation through habitat creation, restoration, or

enhancement as determined by consultation with the regulatory agencies during the permitting process. Any impacts to CDFW jurisdiction would require a Section 1602 SAA from CDFW. Any impacts to Waters of the U.S. would require a Section 404 permit and would qualify for a Nationwide Permit 14 authorization from the USACE. It would also need a 401 Certification from the Santa Ana RWQCB.

If avoidance of riverine resources (earthen canal on Trumble Road; Figure 6) is infeasible, the unavoidable impacts would require regulatory permitting and will be mitigated and a Determination of Biologically Equivalent or Superior Preservation may be required.

CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this biological evaluation, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief. Field work conducted for this assessment was performed by me or under my direct supervision. I certify that I have not signed a non-disclosure or consultant confidentiality agreement with the Project applicant or the applicant's representative and that I have no financial interest in the Project.

SIGNED: _____ DATE: _____

Stacie Tennant
Senior Biologist and Project Manager
ECORP Consulting, Inc.

SIGNED: _____ DATE: _____

Carla Marriner
Senior Biologist and Project Manager
ECORP Consulting, Inc.

7.0 LITERATURE CITED

Baldwin, B. G., D. H. Goldman, D. J. Keil, R. Patterson, T. J. Rosatti, and D. H. Wilken, editors. 2012. *The Jepson Manual: Vascular Plants of California, Second Edition*. University of California Press, Berkeley, California.

Bradley, R.D., L. K. Ammerman, R. J. Baker, L. C. Bradley, J. A Cook, R. C. Dowler, C. Jones, D. J. Schmidly, F. B. Stangl, Jr., R.A. Van Den Bussche, B. Wursig. 2014. *Revised Checklist of North American Mammals North of Mexico*. Museum of Texas Tech University.

CalFlora: Information on California plants for education, research and conservation. [Web application]. 2022. Berkeley, California: The CalFlora Database [a non-profit organization]. Available from: http://www.calflora.org.

California Department of Fish and Game (CDFG). 2012. Staff Report on Burrowing Owl Mitigation. Dated March 7, 2012.

_____. 1984. California Endangered Species Act. Fish and Game Code Section 2050-2085.

California Department of Fish and Wildlife (CDFW). 2022a. RareFind California Department of Fish and Game Natural Diversity Database (CNDDB). California. Sacramento, CA, California Department of Fish and Wildlife, Biogeographic Data Branch.

_____. 2022b. State and Federally Listed Endangered and Threatened Animals of California. Sacramento (CA): State of California, the Resources Agency, Department of Fish and Wildlife.

_____. 2022c. Special Animals List. Sacramento (CA): State of California, the Resources Agency, Department of Fish and Game. Available: https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=109406&inline.

California Native Plant Society (CNPS). 2022. Inventory of Rare and Endangered Plants (online edition, v7-08c). Rare Plant Scientific Advisory Committee. California Native Plant Society. Sacramento, CA. Available at: http://www.cnps.org/inventory.

Chesser, R. T., K. J. Burns, C. Cicero, J. L. Dunn, A. W. Kratter, I. J. Lovette, P. C. Rasmussen, J. V. Remsen, Jr., D. F. Stotz, and K. Winker. 2019. Check-list of North American Birds (online), 7th edition with 59th Supplement. American Ornithological Society. http://checklist.aou.org/taxa

Environmental Laboratory. 1987. *Corps of Engineers Wetlands Delineation Manual*. Technical Report Y-87-1 (On-line edition). Vicksburg, Mississippi: U.S. Army Engineer Waterways Experiment Station. p. 143. January 1987.

Natural Resources Conservation Service (NRCS). 2022. Online Web Soil Survey. U.S. Department of Agriculture. Accessed: November 2022 from http://websoilsurvey.nrcs.usda.gov

Regional Conservation Authority (RCA). 2022. RCA MSHCP Information Map. Available from: https://wrcrca.maps.arcgis.com/apps/webappviewer/index.html?id=a73e69d2a64d41c29ebd3acd67467abd Accessed: November 2022

Riverside County Land Management Agency (RCTLMA). 2022. Western Riverside County Multiple Species Habitat Conservation Plan. Available from: http://rctlma.org/Portals/0/mshcp/volume1/index.html

_____. 2006. Burrowing Owl Survey Instructions. Available from: https://www.rctlma.org/Portals/3/EPD/consultant/burrowing_owl_survey_instructions.pdf.

Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. *A Manual of California Vegetation, 2nd ed*. California Native Plant Society, Sacramento, CA.

Skinner, M.W., and B.M. Pavlik, eds. 1994. California Native Plant Society's inventory of rare and endangered vascular plants of California. Fifth edition. Spec. Publ. No. 1, California Native Plant Society, Sacramento, CA, 338 pp.

Society for the Study of Amphibians and Reptiles. 2017. Scientific and Standard English Names of Amphibians and Reptiles of North American North of Mexico, With Comments Regarding Confidence in our Understanding. Eighth Edition. Committee on Standard English and Scientific Names.

U.S. Army Corps of Engineers (USACE). 2008. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)*. ed. J.S. Wakeley, R.W. Lichvar, and C.V. Noble. ERDC/EL TR-08-28. Vicksburg, MS: U.S. Army Engineer.

U.S. Fish and Wildlife Service (USFWS). 2022. Federal Register. Endangered and Threatened Wildlife and Plants; Revised Designation of Critical Habitat for the Coastal California Gnatcatcher (*Polioptila californica californica*), 72 FR 72009.

_____. 1918. Migratory Bird Treaty Act of 1918. Section 16 of the U.S. Code (703-712), as amended 1989.

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Appendix A - Representative Site Photographs

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Appendix D – Special Status Plant Species Potential to Occur

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Appendix F – Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Protocol-Level Focused Burrowing Owl Surveys Report

Appendix G – Aquatic Resources Delineation Report

APPENDIX A

Representative Site Photographs



Photo 1: Typical view and vegetation cover on the northeast corner of the Project Site; facing west.



Photo 2: West side of the Project Site dominated by herbaceous nonnative forbs and grasses; facing east.



Photo 3: View of the southwestern portion of the Project Site; facing north.



Photo 4: View of disturbed land cover within the southeastern portion of the Project Site; facing west.



Photo 5: View of Eucalyptus grove along Sherman Road within southeast portion of the Project Footprint; facing north.



Photo 6: View of Trumble Road and western side of Project Footprint where road improvements will occur; facing north.



Photo 7: View of disturbed areas east of Trumble Road, facing north toward Ethanac Road within the southwestern portion of Project Footprint.



Photo 8: View of Burrowing Owl Study Area within 500-foot buffer west of the Project Footprint; facing south.



Photo 9: View of Trumble Road south of Ethanac Road (offsite improvement area); ornamental trees adjacent to the road in the background.



Photo 10: View of Illinois Avenue – urban/developed land cover within offsite improvement area; facing east.



Photo 11. Typical vegetation cover within the 500-foot buffer south of Illinois Avenue (offsite improvement area); facing north.



Photo 12. View of the storm drain (non-jurisdictional) and associated vegetation located at the western end of Illinois Avenue within the Project Footprint; facing west.

APPENDIX B

Plant Species Observed

Scientific Name	Common Name
GYMNOSPERMS	
CUPRESSACEAE	CYPRESS FAMILY
Juniperus sp.*	Juniper
*Platycladus orientalis**	Oriental arborvitae
PINACEAE	PINE FAMILY
Pinus sp.*	Pine
ANGIOSPERMS (DICOTS)	
AMARANTHACEAE	AMARANTH FAMILY
*Amaranthus albus**	Pigweed amaranth
ANACARDIACEAE	CASHEW FAMILY
*Schinus molle**	Peruvian pepper tree
*Searsia lancea**	African sumac
APOCYNACEAE	DOGBANE FAMILY
*Nerium oleander**	Oleander
ASTERACEAE	SUNFLOWER FAMILY
Ambrosia sp.	Bursage
Baccharis salicifolia	Mule fat
Corethrogyne sp.	Sandaster
Deinandra fasciculata	Clustered tarweed
Deinandra paniculata CRPR 4.2	Paniculate tarplant
Helianthus annuus	Common sunflower
Heterotheca grandiflora	Telegraph weed
*Lactuca serriola**	Prickly lettuce
*Pulicaria paludosa**	Spanish false fleabane
Symphyotrichum chilense	California aster
BIGNONIACEAE	TRUMPET-CREEPER FAMILY
*Jacaranda mimosifolia**	Blue jacaranda
BORAGINACEAE	BORAGE FAMILY
Amsinckia sp.	Fiddleneck
Heliotropium curassavicum	Salt heliotrope
BRASSICACEAE	MUSTARD FAMILY
*Hirschfeldia incana**	Shortpod mustard
*Sisymbrium irio**	London rocket

Scientific Name	Common Name
BUXACAEA	BOX FAMILY
*Buxus sempervirens**	Common box
CHENOPODIACEAE	CHENOPOD FAMILY
*Salsola tragus**	Russian thistle
CONVOLVULACEAE	MORNING GLORY FAMILY
Convolvulus sp.*	Morning glory
EUPHORBIACEAE	SPURGE FAMILY
Croton setiger	Doveweed
Euphorbia albomarginata	Rattlesnake sandmat
FABACEAE	LEGUME FAMILY
*Parkinsonia aculeata**	Mexican palo verde
Acacia sp.*	Wattle
GERANIACEAE	GERANIUM FAMILY
*Erodium cicutarium**	Red-stemmed filaree
LAMIACEAE	MINT FAMILY
Trichostema lanceolatum	Vinegar weed
MALVACEAE	MALLOW FAMILY
*Malva parviflora**	Cheeseweed mallow
MELIACEAE	MAHOGANY FAMILY
*Melia azedarach**	China berry tree
MYRTACEAE	MYRTLE FAMILY
*Eucalyptus camaldulensis**	Red gum
Eucalyptus sp.*	Gum tree
OLEACEAE	OLIVE FAMILY
*Olea europaea**	Olive tree
POLYGONACEAE	BUCKWHEAT FAMILY
Eriogonum fasciculatum var. *fasciculatum*	California buckwheat
SALICACEAE	WILLOW FAMILY
Salix gooddingii	Goodding's black willow
Salix lasiolepis	Arroyo willow
SAURURACEAE	LIZARD'S TAIL FAMILY
Anemopsis californica	Yerba mansa
SIMAROUBACEAE	QUASSIA FAMILY
*Ailanthus altissima**	Tree of heaven

Scientific Name	Common Name
SOLANACEAE	NIGHTSHADE FAMILY
*Datura inoxia**	Pricklyburr
Datura wrightii	Jimson weed
TAMARICACEAE	TAMARISK FAMILY
Tamarix sp.*	Tamarisk
ZYGOPHYLLACEAE	CALTROP FAMILY
*Tribulus terrestris**	Puncture vine
ANGIOSPERMS (MONOCOTS)	
AGAVACEAE	CENTURY PLANT FAMILY
Agave sp.	Agave
ARECACEAE	PALM FAMILY
*Phoenix dactylifera**	Date palm
*Washingtonia robusta**	Mexican fan palm
CYPERACEAE	SEDGE FAMILY
Cyperus sp.	Flatsedge
POACEAE	GRASS FAMILY
Avena sp.*	Wild oat
*Bromus diandrus**	Ripgut brome
*Cynodon dactylon**	Bermuda grass
*Muhlenbergia capillaris**	Hairawn muhly
Muhlenbergia rigens	Deergrass
TYPHACEAE	CATTAIL FAMILY
Typha sp.	Cattail
*Not native to California	

California Native Plant Society (CNPS) Rare Plant Ranks:
1A: Plants presumed extinct in California.
1B: Plants rare, threatened, and endangered in California and elsewhere.
2: Plants rare, threatened, or endangered in California but more common elsewhere.
3: Plants about which need more information; a review list.
4: Plants of limited distribution; a watch list.
CNPS Threat Ranks:
0.1 Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
0.2 Fairly threatened in California (20-80% of occurrences threatened / moderate degree and immediacy of threat)
0.3 Not very threatened in California (<20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

Source: CNPS Rare and Endangered Plant Inventory (CNPS 2022)

APPENDIX C

Wildlife Species Observed

Scientific Name	Common Name
ENTOGNATHA	**WINGLESS ARTHROPODS**
Poduridae	Springtails
Podura aquatica	Water springtail
INSECTA	**INSECTS**
Nymphalidae	Brush-footed Butterflies
Vanessa cardui	Painted lady
AVES	**BIRDS**
Accipitridae	Hawks and Eagles
Buteo jamaicensis	Red-tailed hawk
Alaudidae	Larks
Eremophila alpestris[+]	California horned lark
Charadriidae	Plovers
Charadrius vociferus	Killdeer
Columbidae	Pigeons and Doves
*Columba livia**	Rock pigeon
*Streptopelia decaocto**	Eurasian collared-dove
Zenaida macroura	Mourning dove
Corvidae	Jays and Crows
Corvus corax	Common raven
Fringillidae	Finches
Haemorhous mexicanus	House finch
Spinus psaltria	Lesser goldfinch
Icteridae	New World Blackbirds
Euphagus cyanocephalus	Brewer's blackbird
Sturnella neglecta	Western meadowlark
Mimidae	Mockingbirds and Thrashers
Mimus polyglottos	Northern mockingbird
Parulidae	New World Warblers
Setophaga coronata	Yellow-rumped warbler
Passerellidae	New World Sparrows
Passerculus sandwichensis	Savannah sparrow

Scientific Name	Common Name
Zonotrichia leucophrys	White-crowned sparrow
Passeridae	Old World Sparrows
*Passer domesticus**	House sparrow
Phasianidae	Pheasants
Gallus gallus	Domestic chicken
Sturnidae	Starlings
*Sturnus vulgaris**	European starling
Trochilidae	Hummingbirds
Calypte anna	Anna's hummingbird
Tyrannidae	Tyrant Flycatchers
Sayornis nigricans	Black phoebe
MAMMALIA	**MAMMALS**
Canidae	Foxes, Wolves, and Coyotes
Canis familiaris	Domestic dog
Leporidae	Rabbits and Hares
Sylvilagus audubonii	Desert cottontail
Sciuridae	Squirrels
Otospermophilus beecheyi	California ground squirrel

*Nonnative species
+Western Riverside MSHCP Covered Species

APPENDIX D

Special Status Plant Species Potential to Occur

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Angiosperms					
Abronia villosa* var. *Aurita chaparral sand-verbena	Fed: CA: CRPR: MSHCP:	None None 1B.1 None	(Jan) Mar-Sept 75-1600	Occurs in chaparral, coastal scrub, and desert habitats. Often found in sandy soil.	**Presumed Absent.** No chaparral, coastal scrub or desert habitats are present on the Project Footprint, and there are no records within 5 miles.
Allium marvinii Yucaipa onion	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Apr-May 760-1065	Occurs in chaparral. Often found in openings on clay soils.	**Presumed Absent.** No suitable chaparral habitat or suitable soils are present on the Project Footprint, and there are no records within 5 miles.
Allium munzii Munz's onion	Fed: CA: CRPR: MSHCP:	**END** **THR** 1B.1 COV	Mar-May 297-1070	Occurs in chaparral, cismontane woodland, coastal scrub, pinyon and juniper woodland, and valley and foothill grasslands. Often found in clay soils, growing in grasslands and openings within shrublands or woodlands.	**Low.** The Project Footprint lacks suitable habitat. There are two historic records within 5 miles of the Project (#21 is 1.02 miles east in 1897 and #22 is 4.5 miles southwest in 1962).
Almutaster pauciflorus alkali marsh aster	Fed: CA: CRPR: MSHCP:	None None 2B.2 None	June-Oct 240-800	Occurs in meadows and seeps.	**Presumed Absent.** No suitable meadow or seep habitat occurs on the Project Footprint. There are no records within 5 miles of the site.
Ambrosia pumila San Diego ambrosia	Fed: CA: CRPR: MSHCP:	**END** None 1B.1 COV	Apr-Oct 20-415	Occurs in chaparral, coastal scrub, valley and foothill grassland, and vernal pools. Often found in sandy loam or clay, often in disturbed areas, sometimes found in alkaline soils.	**Presumed Absent.** The Project Footprint is out of the elevational range of the species**.** No river flood plain terraces, and/or alkali playas occur onsite and there are no records within 5 miles of the site.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Arctostaphylos rainbowensis rainbow manzanita	Fed: CA: CRPR: MSHCP:	None None 1B.1 COV	Dec-Mar 670-2200	Occurs in chaparral habitat.	**Presumed Absent.** No suitable chaparral habitat is present on the Project Footprint. There are no records within 5 miles of the site.
Astragalus pachypus var. ***Jaegeri*** Jaeger's milk-vetch	Fed: CA: CRPR: MSHCP:	None None 1B.1 COV	Dec-June 365-975	Occurs in chaparral, cismontane woodland, coastal scrub, valley and foothill grassland.	**Low.** Marginally suitable nonnative grassland habitat is present on the Project Footprint. However, there are no records within 5 miles.
Atriplex coronata var. ***notatior*** San Jacinto Valley crownscale	Fed: CA: CRPR: MSHCP:	**END** None 1B.1 COV	Apr-Aug 139-500	Occurs in playas, valley and foothill grasslands (mesic) and vernal pools.	**Low.** Marginally suitable nonnative grassland habitat is present on the Projects site; however, no mesic, playas or vernal pools are present onsite. There are two recent and one historic record within 5 miles of the Project.
Atriplex parishii Parish's brittlescale	Fed: CA: CRPR: MSHCP:	None None 1B.1 COV	Jun-Oct 25-1900	Occurs in chenopod scrub, playas, vernal pools.	**Presumed Absent.** Although there is one recent occurrence within 5 miles of the Project, there is no suitable chenopod scrub, playas or vernal pool habitat present in the Project Footprint.
Atriplex serenana var. ***davidsonii*** Davidson's saltscale	Fed: CA: CRPR: MSHCP:	None None 1B.2 None	Apr-Oct 10-200	Occurs in coastal bluff scrub and coastal scrub habitats.	**Presumed Absent.** There is no coastal bluff scrub or coastal scrub habitats present on the Project site. There are no records within 5 miles of the Project.
Ayenia compacta California ayenia	Fed: CA: CRPR: MSHCP:	None None 2B.3 None	Mar-Apr 150-1095	Occurs in Mojavean desert scrub, and Sonoran desert scrub.	**Presumed Absent.** No Mojavean desert scrub, and Sonoran desert scrub is present within the Project Footprint and there are no records within 5 miles of the Project.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Berberis nevinii Nevin's barberry	Fed: CA: CRPR: MSHCP:	**END** **END** 1B.1 COV	Mar-Apr 70-825	Occurs in chaparral, cismontane woodland, coastal scrub, and riparian scrub habitats.	**Presumed Absent.** No chaparral, cismontane woodland, coastal scrub, and riparian scrub habitat is present on the Project Footprint and there are no records within 5 miles.
Brodiaea filifolia thread-leaved brodiaea	Fed: CA: CRPR: MSHCP:	**THR** **END** 1B.1 COV	Mar-June 25-1120	Occurs in chaparral, cismontane woodland, coastal scrub, playas, valley and foothill grassland and vernal pools.	**Low.** The Project Footprint lacks suitable habitat for this species. However, there are three recent and two historic records within 5 miles of the Project.
Brodiaea santarosae Santa Rosa basalt brodiaea	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	May-June 565-1045	Occurs in valley and foothill grassland.	**Presumed Absent.** The Project Footprint lacks suitable habitat for this species, and there are no records within 5 miles of the Project.
Calochortus weedii* var. *intermedius intermediate mariposa lily	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	May-July 105-855	Occurs in chaparral, coastal scrub, and valley and foothill grasslands, in rocky, calcareous soils.	**Low.** Although marginally suitable nonnative grassland habitat is present, the Project Footprint lacks rocky, calcareous soils. Additionally, there are no records within 5 miles of the Project site.
Centromadia pungens* ssp. *laevis smooth tarplant	Fed: CA: CRPR: MSHCP:	None None 1B.1 COV	Apr-Sep 0-640	Occurs in chenopod scrub, meadows and seeps, playas, riparian woodlands, and valley and foothill grassland habitats. Often found in alkaline soil.	**Moderate.** Marginally suitable nonnative grassland habitat is present on the Project site, and there are 13 recent and 5 historic records within 5 miles of the Project.
Chorizanthe leptotheca peninsular spineflower	Fed: CA: CRPR: MSHCP:	None None 4.2 COV	May-Aug 300-1900	Occurs in chaparral, coastal scrub, lower montane coniferous forest. Prefers granitic substrate.	**Presumed Absent.** No chaparral, coastal scrub, or lower montane coniferous forest habitat present on the Project.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Chorizanthe parryi* var. *parryi Parry's spineflower	Fed: CA: CRPR: MSHCP:	None None 1B.1 COV	Apr-Jun 275-1220	Occurs in chaparral, cismontane woodland, coastal scrub, and valley and foothill grassland habitat. Often found in sandy or rocky openings.	**Moderate**. The literature review revealed three recent and five historic records of this species within 5 miles of the Project. Marginally suitable nonnative grassland habitat and sandy soils are present on the Project. However, the site is very disturbed.
Chorizanthe polygonoides* var. *longispina long-spined spineflower	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Apr-Jul 30-1530	Occurs in chaparral, coastal scrub, meadows and seeps, valley and foothill grasslands, and vernal pool habitat. Often found in clay soil.	**Low.** Marginally suitable nonnative grassland habitat is present on the Project Footprint and there is one recent record of this species within 5 miles of the Project. However, the site lacks clay soils.
Clinopodium chandleri San Miguel savory	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Mar-Jul 120-1075	Occurs in chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland.	**Presumed Absent.** The Project Footprint lacks suitable habitat for this species and there are no records within 5 miles of the Project.
Cryptantha wigginsii Wiggins' cryptantha	Fed: CA: CRPR: MSHCP:	None None 1B.2 None	Feb-Jun 20-275	Occurs in coastal scrub habitat	**Presumed Absent.** No suitable coastal scrub habitat is present on the Project Footprint and there are no records within 5 miles of the Project.
Dodecahema leptoceras slender-horned spineflower	Fed: CA: CRPR: MSHCP:	**END** **END** 1B.1 COV	Apr-Jun 200-760	Occurs in chaparral, cismontane woodland and coastal scrub habitats. Often found in sandy soil.	**Presumed Absent.** No suitable chaparral, coastal scrub, or cismontane woodland habitat is present on Project Footprint and there are no records within 5 miles.
Dudleya multicaulis many-stemmed dudleya	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Apr-Jul 15-790	Occurs in chaparral, coastal scrub, and valley and foothill grassland habitats. Typically restricted to clay and cobbly soils.	**Presumed Absent.** The Project Footprint lacks clay or cobbly soils typical of this species. There are no records within 5 miles of the Project.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Eryngium aristulatum* var. *parishii San Diego button-celery	Fed: CA: CRPR: MSHCP:	**END** **END** 1B.1 COV	Apr-Jun 20-620	Occurs in coastal scrub, valley and foothill grassland and vernal pools. Prefers mesic habitats.	**Presumed Absent.** The Project Footprint lacks suitable habitat. No records within 5 miles of the Project.
Juncus luciensis Santa Lucia dwarf rush	Fed: CA: CRPR: MSHCP:	None None 1B.2 None	Apr-Jul 300-2040	Occurs in chaparral, great basin scrub, lower montane coniferous forest, meadows and seeps, vernal pools.	**Presumed Absent.** No suitable chaparral, great basin scrub, lower montane coniferous forest, meadows or seeps or vernal pool habitat present on the Project Footprint. Additionally, there are no records within 5 miles.
Lasthenia glabrata* ssp. *coulteri Coulter's goldfields	Fed: CA: CRPR: MSHCP:	None None 1B.1 COV	Feb-Jun 1-1220	Occurs in coastal salt marshes and swamps, playas, and vernal pools.	**Presumed Absent.** Although there are three recent and one historic records within 5 miles of the Project, no suitable coastal marsh, swamp, playa or vernal pool habitat is present on site.
Lilium parryi lemon lily	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Jul-Aug 1220-2745	Occurs in lower montane coniferous forest, meadows and seeps, riparian forest, upper montane coniferous forest. Prefers mesic habitats.	**Presumed Absent.** No suitable lower montane coniferous forest, meadows or seeps, riparian forest, upper montane coniferous forest present on the Project Footprint. There are no records within 5 miles of the Project.
***Limnanthes alba* ssp. parishii** Parish's meadowfoam	Fed: CA: CRPR: MSHCP:	None **END** 1B.2 COV	Apr-Jun 600-2000	Occurs in lower montane coniferous forest, meadows and seeps, vernal pools. Prefers vernally mesic habitats.	**Presumed Absent.** No suitable lower montane coniferous forest, meadows or seeps, or vernal pool habitat was present on the Project Footprint. There are no records within 5 miles of the Project.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Monardella hypoleuca* ssp. *Intermedia intermediate monardella	Fed: CA: CRPR: MSHCP:	None None 1B.3 None	Apr-Sep 400-1250	Occurs in chaparral, cismontane woodland, and occasionally in lower montane coniferous forest habitat. Often found in areas of understory.	**Presumed Absent.** No suitable chaparral, woodland, or forest habitat is present on the Project Footprint and there are no records within 5 miles.
Nama stenocarpa mud nama	Fed: CA: CRPR: MSHCP:	None None 2B.2 COV	Jan-Jul 5-500	Occurs in marshes and swamps	**Presumed Absent.** No marshes or swamps present on the Project Footprint. There are no records within 5 miles of the Project.
Navarretia fossalis spreading navarretia	Fed: CA: CRPR: MSHCP:	**THR** None 1B.1 COV	Apr-Jun 30-655	Occurs in chenopod scrub, marshes and swamps, playas and vernal pools.	**Presumed Absent.** There are six recent and two historic records within 5 miles of the Project. However, there is no suitable chenopod scrub, marshes or swamps, playas or vernal pool habitat present within the Project Footprint.
Navarretia prostrata prostrate vernal pool Navarretia	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Apr-Jul 3-1210	Occurs in coastal scrub, meadows and seeps, alkaline valley and foothill grasslands, and vernal pools.	**Presumed Absent.** The site lacks seeps and vernal pools. No records within 5 miles of the Project.
Orcuttia californica California Orcutt grass	Fed: CA: CRPR: MSHCP:	**END** **END** 1B.1 COV	Apr-Aug 15-660	Occurs in vernal pools	**Presumed Absent.** There is one historic record within 5 miles of the Project Footprint; however, the site lacks vernal pool habitat.
Pseudognaphalium leucocephalum white rabbit-tobacco	Fed: CA: CRPR: MSHCP:	None None 2B.2 None	Aug-Nov 0-2100	Occurs in chaparral, cismontane woodland, coastal scrub, and riparian woodland. Often found in sandy, gravelly soils.	**Presumed Absent.** No suitable chaparral, cismontane woodland, coastal scrub, or riparian woodland habitat for this species is present on the Project. There are no records within 5 miles.
***Scutellaria bolanderi* ssp. austromontana** southern mountains skullcap	Fed: CA: CRPR: MSHCP:	None None 1B.2 None	Jun-Aug 425-2000	Occurs in chaparral, cismontane woodland, lower montane coniferous forest. In mesic habitats.	**Presumed Absent.** No suitable chaparral, cismontane woodland, lower montane coniferous forest present on the Project Footprint. There are no records within 5 miles of the Project.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Sibaropsis hammittii Hammitt's clay-cress	Fed: CA: CRPR: MSHCP:	None None 1B.2 COV	Mar-Apr 720-1065	Occurs in chaparral, valley and foothill grassland.	**Presumed Absent.** The Project Footprint is out of the elevational range of the species and there are no records within 5 miles of the Project.
Sidalcea neomexicana salt spring checkerbloom	Fed: CA: CRPR: MSHCP:	None None 2B.2 None	Mar-Jun 15-1530	Occurs in chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub, and playas. Often found in alkaline and mesic soils.	**Presumed Absent.** No suitable chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub, or playa habitat was present on the site. In addition, there are no records within 5 miles of the site.
Symphyotrichum defoliatum San Bernardino aster	Fed: CA: CRPR: MSHCP:	None None 1B.2 None	Jul-Nov 2-2040	Occurs in cismontane woodland, coastal scrub, lower montane coniferous forest, meadows and seeps, marshes and swamps, and valley and foothill grassland habitats. Often found in areas near ditches, streams, and springs.	**Presumed Absent.** The site lacks seeps, marshes, coastal scrub, coniferous forest and swamps. This perennial species was not observed during the general biological survey. Additionally, there are no records within 5 miles of the Project site.
Trichocoronis wrightii* var. *wrightii Wright's trichocoronis	Fed: CA: CRPR: MSHCP:	None None 2B.1 COV	May-Sep 5-435	Occurs in marshes and swamps, meadows and seeps, riparian forest and vernal pools.	**Presumed Absent.** No marshes swamps, meadows, seeps, riparian forest or vernal pool habitat present on site. Additionally, there are no records within 5 miles of the Project site.
Gymnosperms					
Hesperocyparis forbesii Tecate cypress	Fed: CA: CRPR: MSHCP:	None None 1B.1 None	Perennial evergreen tree 80-1500	Occurs in closed-cone coniferous forest, and chaparral habitat. Often found in areas with clay, gabbroic or metavolcanics soils.	**Presumed Absent.** No suitable forest or chaparral habitat is present on the Project site. In addition, there are no records within 5 miles of the site.

Scientific Name **Common Name**	**Status**		**Bloom Period & Elevation (meters)**	**Habitat Requirements**	**Potential for Occurrence**
Bryophytes					
Geothallus tuberosus Campbell's liverwort	Fed: CA: CRPR: MSHCP:	None None 1B.1 None	10-600	Occurs in coastal scrub, vernal pools.	**Presumed Absent.** No suitable coastal scrub or vernal pool habitat present on the Project Footprint. There are no records within 5 miles of the Project.
Sphaerocarpos drewiae Bottle liverwort	Fed: CA: CRPR: MSHCP:	None None 1B.1 None	90-600	Occurs in chaparral and coastal scrub habitats.	**Presumed Absent.** No suitable chaparral or coastal scrub habitat present on the Project Footprint. There are no records within 5 miles of the Project.
Tortula californica California screw moss	Fed: CA: CRPR: MSHCP:	None None 1B.2 None	10-1460	Occurs in chenopod scrub, valley and foothill grassland.	**Presumed Absent.** The site is very disturbed and the species was not observed during the biological surveys. There is one recent record within 5 miles of the Project (Occ #8) 4.08 miles northeast.
Federal Designations: (Federal Endangered Species Act, USFWS) **END**: federally listed, endangered **THR**: federally listed, threatened			**State designations**: (California Endangered Species Act, CDFW) **END**: state-listed, endangered **THR**: state-listed, threatened Rare: CDFW Rare		**Other Designations** (Western Riverside MSHCP) COV: Covered

California Native Plant Society (CNPS) Rare Plant Ranks:
1A: Plants presumed extirpated in California and either rare or extinct elsewhere
1B: Plants rare, threatened, or endangered in CA and elsewhere
2A: Plants presumed extirpated in California but common elsewhere
2B: Plants rare, threatened, or endangered in CA but more common elsewhere
3: Plants about which need more information; a review list
4: Plants of limited distribution; a watch list
Threat Ranks:
0.1 Seriously endangered in CA (over 80% of occurrences threatened / high degree and immediacy of threat)
0.2 Moderately threatened in California (20-80% occurrences threatened/moderate degree and immediacy of threat)
0.3 Not very threatened in California (<20% of occurrences threatened/low degree and immediacy of threat or current threats known)

Source: California Natural Diversity Data Base (CNDDB) California Native Plant Society Electronic Inventory (CNPSEI) Romoland, Lake Elsinore, Steele Peak, Perris, Lakeview, Winchester, Bachelor Mountain, Murrieta and Wildomar 7.5-minute quads.

APPENDIX E

Special Status Wildlife Species Potential to Occur

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
INVERTEBRATES				
Bombus crotchii Crotch bumble bee	Fed: CA: MSHCP:	None CAN None	Occurs in open grassland and scrub habitats.	**Low.** Although there are three historic records within five miles of the site. The Project is highly disturbed and frequently maintained.
Branchinecta lynchi Vernal pool fairy shrimp	Fed: CA: MSHCP:	**THR** None COV	Occurs in vernal pools and ephemeral wetlands. Typically, in small and shallow pools with mud or grassy bottoms.	**Presumed Absent.** There are no clay soils present on the site and no records were identified within five miles of the Project.
Branchinecta sandiegonensis San Diego fairy shrimp	Fed: CA: MSHCP:	**END** None None	Vernal pools and ephemeral wetlands in San Diego and Orange Counties.	**Presumed Absent.** The Project Footprint is outside of the geographical range of the species and no records were identified within five miles.
Euphydryas editha quino Quino checkerspot butterfly	Fed: CA: MSHCP:	**END** None COV	Chaparral and coastal sage scrublands in Riverside and San Diego counties.	**Presumed Absent.** No suitable habitat is present on the Project Footprint, no records were identified within five miles, and the Project is outside the recommended survey areas.
Streptocephalus woottoni Riverside fairy shrimp	Fed: CA: MSHCP:	**END** None COV	Occurs in vernal pools, tectonic swales, and earth slump basins in Riverside County.	**Presumed Absent.** There are no clay soils present onsite and no records were identified within five miles. Additionally, the Project Footprint is above the known highest elevation of the geographical range of the species.
FISH				
Gila orcutti arroyo chub	Fed: CA: MSHCP:	None SSC COV	Creeks, streams, and rivers with areas of slow-moving water with sand or mud bottoms. Ranges from San Diego to San Luis Obispo County.	**Presumed Absent.** No permanent creeks, streams, or rivers are present on the Project Footprint.
AMPHIBIANS				
Anaxyrus californicus arroyo toad	Fed: CA: MSHCP:	**END** SSC COV	Sandy banks of rivers, arroyos, and streams with shallow sandy pools. Also found in riparian woodlands or uplands adjacent to arroyos.	**Presumed Absent.** No rivers, arroyos, or streams with shallow pools are present on the Project Footprint and there are no records within five miles.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Rana draytonii California red-legged frog	Fed: CA: MSHCP:	**THR** SSC COV	Found near water features such as ponds or streams in humid forests, grasslands, coastal scrub, and woodlands.	**Presumed Absent.** No permanent creeks, ponds or streams, are present on the Project Footprint. There are no records within five miles of the site.
Spea hammondii Western spadefoot	Fed: CA: MSHCP:	None SSC COV	Prefers open areas with sandy or gravelly soils, including mixed woodlands, grasslands, coastal sage scrub, chaparral, sandy washes, lowlands, river floodplains, alluvial fans, playas, and alkali flats.	**Low.** There is marginally suitable nonnative grassland habitat and open areas with sandy soils within the Project site. However, the site is very disturbed. There are eight recent records within five miles of the Project. The closest record (#969) is 0.72 miles southeast in 2015 and the most recent record (#1005) is 2.93 miles north from 2017.
Taricha torosa coast range newt	Fed: CA: MSHCP:	None SSC COV	Occurs in wet forests, oak forests, chaparral, and rolling grasslands. Burrows in moist soil or wood debris.	**Presumed Absent.** No chaparral, forest, or moist soil habitat is present on the Project Footprint and there are no records within five miles.
REPTILES				
Anniella stebbinsi southern California legless lizard	Fed: CA: MSHCP:	None SSC None	Typically occurs in moist warm loose soil with plant cover in sparsely vegetated areas of beach dunes, chaparral, pine-oak woodlands, desert scrub, sandy washes, and stream terraces with sycamores, cottonwoods, or oaks.	**Presumed Absent.** There are two recent records within five miles of the Project Footprint (#386) 2.66 miles northeast in 2016 and (#387) 3.42 miles east in 2018. However, no suitable moist habitat is present onsite.
Arizona elegans occidentalis California glossy snake	Fed: CA: MSHCP:	None SSC None	Typically occurs in scrub or grassland habitat, often with loose or sandy soils.	**Moderate.** Marginally suitable habitat was present on the Project Footprint. There are three historic occurrences within five miles of the site.
Aspidoscelis hyperythra orange-throated whiptail	Fed: CA: MSHCP:	None WL COV	Semi-arid open areas with coarse soils including coastal sage scrub, chaparral, and dry riparian areas and washes.	**Presumed Absent.** Although multiple occurrences have been recorded with five miles of the Project, seven historic and one recent, no suitable habitat was present within the Project Footprint.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Aspidoscelis tigris stejnegeri coastal whiptail	Fed: CA: MSHCP:	None SSC COV	Arid habitats including chaparral, woodlands, and dry riparian areas.	**Presumed Absent.** Although there are two historic records within five miles of the Project, no suitable habitat was present within the Project Footprint.
Coleonyx variegatus abbotti San Diego banded gecko	Fed: CA: MSHCP:	None SSC COV	Rocky areas in coastal sage scrub and chaparral.	**Presumed Absent.** No suitable coastal sage scrub or chaparral habitat is present on the Project Footprint. Additionally, there are no records within five miles of the site.
Crotalus ruber red-diamond rattlesnake	Fed: CA: MSHCP:	None SSC COV	Found in coastal chaparral, arid scrub, rocky grassland, oak and pine woodlands, desert mountain slopes and rocky desert flats.	**Low.** Somewhat suitable habitat present onsite, and there are three historic records within five miles of the Project Footprint, but the site lacks rocky areas preferred by this species and is highly disturbed.
Diadophis punctatus modestus San Bernardino ringneck snake	Fed: CA: MSHCP:	None SSC None	Moist habitats in meadows, grasslands, chaparral, mixed conifer forests, and woodlands. Also, can occur in gardens and farmlands.	**Presumed Absent.** There are no moist habitats present on the Project Footprint, and there are no records within five miles of the site.
Emys marmorata western pond turtle	Fed: CA: MSHCP:	None SSC COV	Ponds, lakes, rivers, streams, marshes, and other water sources with rocky or muddy substrate. Basks on logs, rocks, and exposed banks.	**Presumed Absent.** Although there is one historic record within five miles of the site, no suitable aquatic habitats are present on the Project Footprint.
Phrynosoma blainvillii coast horned lizard	Fed: CA: MSHCP:	None SSC COV	Open areas of valleys, foothills, and semiarid mountains with sandy soil and low vegetation including chaparral, woodlands, and grasslands.	**Low.** Marginally suitable habitat and sandy soils are present on the Project Footprint, and there are three historic records within five miles. However, the site is highly disturbed.
Salvadora hexalepis virgultea coast patch-nosed snake	Fed: CA: MSHCP:	None SSC None	Coastal scrub and semi-arid brushy areas and chaparral in canyons, rocky hillsides, and plains. Brushy or shrubby vegetation in coastal Southern California. Require small mammal burrows for refuge and overwintering sites.	**Presumed Absent.** No suitable coastal scrub or chaparral habitats are present on the Project Footprint and there are no records of this species within five miles.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Thamnophis hammondii two-striped gartersnake	Fed: CA: MSHCP:	None SSC None	Occur along aquatic habitats such as pools and creeks usually near chaparral, rocky areas, brushland, oak woodland, and conifer forests and hunts in water. Found from sea to about 7,000 ft elevation.	**Presumed Absent.** No suitable aquatic habitat was present on the Project Footprint and there are no records within five miles of the Project site.
BIRDS				
Accipiter cooperii Cooper's hawk	Fed: CA: MSHCP	None WL COV	Open woodlands, or broadleaf and coniferous forested areas but also found in parks and fields with tall trees. Nests in tall trees, usually on flat ground, in dense woods.	**Moderate.** Suitable foraging and nesting habitat primarily occurs within the Eucalyptus groves along Sherman Road and other trees present in the vicinity of the Project Footprint. However, there are no records within five miles of the site.
Agelaius tricolor tricolored blackbird (nesting colony)	Fed: CA: MSHCP:	None **THR** COV	Freshwater marshes with dense cattails, bulrushes, sedges, and tule. Forages in open habitat such as cultivated fields and pastures.	**Presumed Absent.** There are no freshwater marshes for nesting are present on the Project Footprint and there are no records within five miles.
Aimophila ruficeps canescens Southern California rufous-crowned sparrow	Fed: CA: MSHCP:	None WL COV	Coastal sage scrub, dominated by California sagebrush, or in coastal bluff scrub with low scattered scrub and moderate to steep, dry, and rocky slopes. Nests on ground or within 1 meter of ground in shrubs or trees.	**Presumed Absent.** Although there is one recent and five historic records within five miles of the Project, there is no suitable habitat present on the Project Footprint.
Aquila chrysaetos golden eagle (nesting & wintering)	Fed: CA: MSHCP:	None FP COV	Open country including prairies, sagebrush, savannah or sparse woodlands, and barren hills or mountainous areas. Nests on rocky cliff edges.	**Presumed Absent.** There is one recent record within five miles of the Project; however, no suitable rocky, cliff habitat for nesting is present onsite.
Artemisiospiza belli belli Bell's sage sparrow	Fed: CA: MSHCP	None WL COV	Chaparral dominated with California sagebrush or chamise. Nests on ground or within 1 meter above ground in a shrub.	**Presumed Absent.** There is one recent and three historic records within five miles of the Project. However, there is no suitable chaparral habitat present on the Project Footprint.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Asio otus long-eared owl (nesting)	Fed: Ca: MSHCP:	None SSC None	Nests in trees or tree cavities within deciduous and evergreen forests, orchards, wooded parks, farm woodlots, river woods, desert oases.	**Presumed Absent.** No suitable habitat was present on the Project Footprint and there are no records within five miles of the site.
Athene cunicularia burrowing owl (burrow & some wintering sites)	Fed: CA: MSHCP:	None SSC COV	Open grasslands including prairies, plains, and savannah, or vacant lots and airports. Nests in abandoned dirt burrows.	**Moderate.** Suitable foraging and burrow habitat is present and numerous small mammal burrows are present within and adjacent to the Project Footprint. However, the site is highly disturbed. Several records of the species were found within five miles of the Project Footprint. (#37 recent, #7 historic)
Buteo regalis Ferruginous hawk	Fed: CA: MSHCP:	None WL COV	Open country including prairies, sagebrush, savannah or sparse woodlands, and barren hills or mountainous areas. Nests on rocky cliff edges or in large trees such as eucalyptus or oak.	**Moderate.** There is one recent and one historic record within five miles of the Project and marginally suitable foraging and nesting habitat is present in the eucalyptus trees.
Buteo swainsoni Swainson's hawk (nesting)	Fed: CA: MSHCP:	None **THR** COV	Open pine-oak woodland, savannah, and agricultural fields with scattered trees. Nests in large solitary trees	**Presumed Absent.** The site is surrounded by urban developed areas and lacks suitable nesting habitat. There are no records within five miles.
Campylorhynchus brunneicapillus sandiegensis coastal cactus wren	Fed: CA: MSHCP:	None SSC COV	Coastal sage scrub with tall opuntia cacti. Nests in opuntia cactus.	**Presumed Absent.** Coastal sage scrub habitat with opuntia cacti is not present on the Project Footprint and there are no records within five miles.
Charadrius nivosus nivosus western snowy plover	Fed: CA: MSHCP:	**THR** SSC	Sandy beaches, salt pond levees & shores of large alkali lakes. Needs sandy, gravelly, or friable soils for nesting. Known protected population in the Tijuana Estuary.	**Presumed Absent.** No suitable habitat is present within the Project Footprint and there are no records within five miles.
Circus hudsonius northern harrier	Fed: CA: MSHCP:	None SSC COV	Marshes, wetlands, agricultural fields, and grasslands. Nests on ground among dense and tall vegetation.	**Presumed Absent.** No suitable habitat for this species occurs onsite. Additionally, there are no records within five miles of the Project Footprint.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Elanus leucurus white-tailed kite (nesting)	Fed: CA: MSHCP:	None FP COV	Open habitat in lowlands including savanna, open woodlands, marshes, and agricultural fields. Nests in tall trees within or on the edge of forested areas.	**Low.** Somewhat suitable foraging habitat is present primarily within some of the larger scattered Eucalyptus trees. However, the Project does not contain or adjoin forested areas and there are no records within five miles.
Eremophila alpestris actia California horned lark	Fed: CA: MSHCP:	None WL COV	Bare open areas dominated by low vegetation or widely scattered shrubs, includes prairies, deserts, and plowed fields. Nests in a hollow on the ground.	**Present.** This species was observed during the biological reconnaissance. Suitable habitat is present throughout the Project Footprint.
Haliaeetus leucocephalus bald eagle (nesting & wintering)	Fed: CA: MSHCP:	**DL** **END/FP** COV	Breeding habitat most commonly includes areas close to coastal areas, bays, rivers, lakes, reservoirs, or other bodies of water that reflect the general availability of primary food sources including fish, waterfowl, or seabirds	**Presumed Absent.** No suitable nesting habitat or adjacent to large bodies of water were present on the Project Footprint and there are no records of this species within five miles.
Icteria virens yellow-breasted chat (nesting)	Fed: CA: MSHCP:	None SSC COV	Riparian and upland thickets, and dry overgrown pastures. Prefers to nest in dense scrub along streams or at the edges of ponds or swamps.	**Presumed Absent.** No suitable riparian habitat occurs on the Project Footprint and there are no records within five miles.
Lanius ludovicianus loggerhead shrike	Fed: CA: MSHCP:	None SSC COV	Open country, with scattered shrubs and trees or other perches for hunting; includes agricultural fields, deserts, grasslands, savanna, and chaparral.	**Moderate.** There is suitable habitat present on the Project Footprint and there is one recent occurrence (#50) 2.74 miles southeast of the site recorded in 2007.
Plegadis chihi white-faced ibis	Fed: CA: MSHCP:	None WL COV	Freshwater habitats such as ponds, rivers, marshes, and swamps. Nests in low tree or on ground in reeds in marshes.	**Presumed Absent.** No suitable habitat occurs on the Project Footprint and there are no records within five miles.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Polioptila californica californica coastal California gnatcatcher	Fed: CA: MSHCP:	**THR** SSC COV	Dry coastal slopes, washes, and mesas with areas of low vegetation and coastal sage scrub.	**Presumed Absent.** Although the literature review revealed several occurrences (four recent and seven historic) within five miles of the Project, no suitable habitat occurs within the Project Footprint.
Setophaga petechia yellow warbler	Fed: Ca: MSHCP:	None SSC COV	Riparian plant associations in close proximity to water. Also nests in montane shrubbery in open conifer forests in Cascades and Sierra Nevada. Frequently found nesting and foraging in willow shrubs and thickets, and in other riparian plants including cottonwoods, sycamores, ash, and alders.	**Presumed Absent.** No suitable habitat occurs on the Project Footprint and there are no records within five miles.
Vireo bellii pusillus least Bell's vireo (nesting)	Fed: CA: MSHCP:	**END** **END** COV	Riparian woodlands and willow-cottonwood forests particularly with streamside thickets and dense brush.	**Presumed Absent.** Although there are two recent records within five miles no suitable riparian woodland or willow-cottonwood forest habitat occurs on the Project Footprint.
Xanthocephalus xanthocephalus yellow-headed blackbird	Fed: CA: MSHCP:	None SSC None	Occurs in freshwater marshes with dense, emergent vegetation such as cattails.	**Presumed Absent.** No suitable habitat occurs on the Project Footprint and there are no records within five miles.
MAMMALS				
Chaetodipus californicus femoralis Dulzura pocket mouse	Fed: CA: MSHCP:	None SSC None	Chaparral, coastal scrub, and desert grasslands in San Diego County along the U.S.-Mexico border.	**Presumed absent.** There is one historic record (1993) within five miles of the Project Footprint. However, no suitable chaparral, coastal scrub, or desert grassland habitat is present onsite.
Chaetodipus fallax fallax northwestern San Diego pocket mouse	Fed: CA: MSHCP:	None SSC COV	Coastal scrub, chaparral, sagebrush, and grasslands in western San Diego County.	**Presumed Absent. T**here is one historic record (1992) within five miles of the Project Footprint. However, the site is very disturbed and lacks suitable sagebrush and chaparral habitats.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Dipodomys merriami parvus San Bernardino kangaroo rat	Fed: CA: MSHCP:	**END** CAN COV	Occurs in alluvial scrub vegetation on sandy loam substrates characteristic of alluvial fans and flood plains.	**Presumed Absent.** There is no suitable habitat on the Project Footprint. Although there has been an occurrence 1.02 miles from the site; it was recorded in 1938 and is considered historic.
Dipodomys stephensi Stephens' kangaroo rat	Fed: CA: MSHCP:	**END** **THR** COV	Annual grasslands, coastal sage scrub with sparsely spaced vegetation, loose friable soils, and flat or slightly rolling terrain.	**Moderate.** Marginally suitable habitat is present on the Project Footprint; there are twenty-three historic records within five miles. The closest (#142) was 1.42 miles in 1988 and the most recent occurrence was recorded in 1999 approximately 1.63 miles from the Project (#42).
Eumops perotis californicus western mastiff bat	Fed: CA: MSHCP:	None SSC None	Roosts high above ground in rock and cliff crevices, shallow caves, and rarely in buildings. Occurs in arid and semiarid regions including rocky canyon habitats.	**Presumed Absent.** The literature review revealed three historic records within five miles of the site; however, there are no suitable rock or cliff habitat is present on the Project Footprint.
Lasiurus xanthinus western yellow bat	Fed: CA: MSHCP:	None SSC None	Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats. Roosts in trees, particularly palms. Forages over water and among trees.	**Presumed Absent.** Although there have been two occurrences of this species within five miles south of the Project; the occurrence was recorded in 1982 and 1987and are considered historic. In addition, no suitable riparian habitat is present on the Project Footprint.
Lepus californicus bennettii San Diego black-tailed jackrabbit	Fed: CA: MSHCP:	None SSC COV	Variety of open or semi-open country including grasslands, croplands, and sparse coastal scrub.	**Moderate.** Suitable habitat is present throughout the Project Footprint; however, the site is surrounded by urban developed areas. There are three historic and two recent occurrences within five miles of the site. The closest and most recent record (#100) 0.62 miles east in 2015.

Scientific Name **Common Name**	**Status**		**Habitat Requirements**	**Potential for Occurrence**
Neotoma lepida intermedia San Diego desert woodrat	Fed: CA: MSHCP:	None SSC COV	Coastal scrub of Southern California from San Diego County to San Luis Obispo County. Moderate to dense canopies preferred. They are particularly abundant in rock outcrops & rocky cliffs & slopes.	**Presumed Absent.** No suitable scrub habitat was present on the Project Footprint, the site lacks moderate to dense canopies and rocky habitats. In addition, there are no records within five miles.
Nyctinomops femorosaccus pocketed free-tailed bat	Fed: CA: MSHCP:	None SSC None	Roosts in crevices of outcrops and cliffs, shallow caves, and buildings. Found along rugged canyons, high cliffs, and semiarid rock outcroppings.	**Presumed Absent.** No roosting habitat present on the Project Footprint. No records have been identified within five miles of the site.
Onychomys torridus ramona southern grasshopper mouse	Fed: CA: MSHCP:	None SSC None	Low, semi-open, and open scrub habitats with flat, sandy valley floors. Habitats include coastal and mixed chaparral, coastal sage scrub, riparian scrub, low sagebrush, and grasslands with interspaced shrubs.	**Presumed Absent.** There is no coastal or mixed chaparral, coastal sage scrub, riparian scrub, low sagebrush habitat on the Project Footprint. The grassland present lacks interspaced shrubs. There are two records within five miles of the Project; however, they were recorded in 1923 and 1932 and are considered historic.
Perognathus longimembris brevinasus Los Angeles pocket mouse	Fed: CA: MSHCP:	None SSC COV	Habitats with sandy and fine soils, including grasslands, coastal sage scrub, and alluvial sage scrub.	**Low.** Marginally suitable habitat and sandy soils are present on the Project Footprint. However, no records have been identified within five miles of the site.
Perognathus longimembris internationalis Jacumba pocket mouse	Fed: CA: MSHCP:	None SSC None	Occurs in desert washes, disturbed grasslands that have sand or alluvial substrates.	**Low.** Marginally suitable habitat and sandy soils are present on the Project Footprint. However, no records have been identified within five miles of the site.
Taxidea taxus American badger	Fed: CA: MSHCP:	None SSC None	Open habitats with friable soil such as grasslands, brushlands with sparse ground cover, open chaparral, and sometimes riparian zones.	**Presumed Absent.** No suitable habitat or suitable size burrows for this species were observed within the Project Footprint. No records have been identified within five miles of the site.

Scientific Name **Common Name**	**Status**	**Habitat Requirements**	**Potential for Occurrence**
Federal Designations: (Federal Endangered Species Act, USFWS) **END**: Federally-listed, Endangered **THR**: Federally-listed, Threatened **CAN**: Federal Candidate Species FSC: Federal Species of Concern FPD: Federal Proposed for Delisting DL: Federally-delisted BCC: Birds of Conservation Concern	**State designations**: (California Endangered Species Act, CDFW) **END**: State-listed, Endangered **THR**: State-listed, Threatened **CAN**: State Candidate Species SSC: California Species of Special Concern FP: Fully Protected Species WL: Watch List Species		**Other Designations** COV: Covered under the Western Riverside MSHCP

Source: CNDDB Romoland, Lake Elsinore, Steele Peak, Perris, Lakeview, Winchester, Bachelor Mountain, Murrieta and Wildomar 7.5-minute quads.

APPENDIX F

Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Protocol-Level Focused Burrowing Owl Surveys Report

May 31, 2023

Ms. Stephanie Standerfer
Albert A. Webb Associates
3788 McCray Street
Riverside, California 92506

RE: Results of the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) Protocol-Level Focused Burrowing Owl Surveys at the Hillwood Ethanac Development Project in Perris, California

Dear Ms. Standerfer,

The purpose of this report is to document the findings of protocol-level focused burrowing owl (*Athene cunicularia*) [BUOW] surveys conducted for Hillwood Ethanac Development Project (Project) located in the City of Perris, Riverside County. ECORP Consulting, Inc. conducted four protocol-level focused burrowing owl surveys on March 27, April 11, April 28, and May 11, 2023, in accordance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (WR MSHCP; Riverside County Land Management Agency [RCTLMA] 2006).

The Burrowing Owl Study Area includes the Project Site and offsite improvement area (Project Footprint) and a 500-foot surrounding buffer. No BUOW or signs thereof were observed within the Study Area during the surveys. Based on the lack of any direct or indirect evidence of BUOW presence, the survey results indicate that the Study Area was not occupied by BUOW at the time of the surveys.

PROJECT DESCRIPTION AND LOCATION

The Project Site is located in the City of Perris, east of Interstate (I-) 215, south of Highway 74, and northwest of the intersection of Ethanac and Sherman Roads (Figures 1 and 2). The Project Footprint consists of an approximately 21-acre Project Site, and approximately 21-acre offsite improvement areas (42 acres total) comprised of Assessor's Parcel Numbers 329-240-016, 329-240-017, 329-240-018, 329-240-019, 329-240-020, 329-240-023, 329-240-024, 329-240-025, 329-240-026, and 329-240-027.

The offsite improvement areas include portions of Ethanac Road, Sherman Road, Trumble Road, and Illinois Avenue (Figure 2). The Project, as depicted on the U.S. Geological Survey (USGS) "Romoland, California" 7.5-minute topographic quadrangle, is located within Section 10, Township 5 South, Range 3 West. The Project Site is generally flat, and elevation is approximately 1,440 feet (439 meters) above mean sea level.

BURROWING OWL NATURAL HISTORY

Burrowing owl is a U.S. Fish and Wildlife Service Bird of Conservation Concern, a California Department of Fish and Wildlife (CDFW) Species of Special Concern, and a MSHCP-Covered Species. The burrowing owl is a small, migratory owl found in various habitats throughout North America. Habitat requirements for burrowing owls consist of arid, open areas with sparse vegetation cover such as deserts, abandoned

agricultural areas, grasslands, and disturbed open habitats. Burrowing owls can excavate their own burrows for shelter and breeding purposes; however, they often occupy abandoned mammal burrows such as those constructed by California ground squirrels (*Otospermophilus beecheyi*). Burrowing owls have also been known to nest within natural rock cavities, debris piles, culverts, and pipes (Rosenberg et al. 1998).

PROJECT HISTORY

Literature Review

Prior to conducting the protocol-level BUOW surveys, ECORP conducted a review of CDFW's California Natural Diversity Database (CNDDB; CDFW 2023) and the California Native Plant Society (CNPS) Electronic Inventory (CNPS 2023). The purpose of the literature review was to determine whether special-status plant and wildlife species had been previously reported within the Project boundaries as depicted on USGS 7.5-minute "Romoland, California ", topographic quadrangle, and the surrounding eight topographic quadrangles: Lake Elsinore, Steele Peak, Perris, Lakeview, Winchester, Bachelor Mountain, Murrieta and Wildomar.

The CNDDB contains 44 records of BUOW within 5 miles (8 kilometers) of the Project Site: 36 current records (20 or fewer years old) and 8 historic records (20 or more years old). None of the records are located within the Project Footprint. A summary of some of the most recent occurrences and/or closest to the Project Site is presented below.

The most recent occurrence (Occ #2035) was in 2017 within approximately 4 miles of the Project Site. The occurrence was documented on the west side of Evans Road, between Moraga Avenue and Sunset Road. According to notes in the CNDDB, one adult was observed perching near a burrow during the breeding season.

In 2016 (Occ #1537) approximately 5 miles from the Project Site, 12 owls were observed along the south edge of Holland Road at the Haun Road junction in Menifee. A presumed breeding pair had previously been observed at this location in 2007 during the breeding season.

One occurrence (Occ #1940) was documented in 2015 approximately 1 mile from the Project Footprint. The occurrence was documented east of San Jacinto Road and north of Abbey Lane in Menifee. Two adults and fledged young of the year were observed towards the end of the breeding season.

In 2008 (Occ #249) two adults and three juveniles were observed northeast of Murrieta Road and Nuevo Road in Perris during the breeding season. The occurrence was documented approximately 3.9 miles from the Project Site.

In 2007 (Occ #1535) four pairs were observed during the breeding season along the southern edge of Honeyrun Road and east of La Ladera Road. The occurrence was documented approximately 3.1 miles from the Project Site within an irrigation canal bank and water treatment holding ponds.

Biological Reconnaissance Survey

The Project Footprint is not located within an MSHCP Criteria Cell or Cell Group. The Project Footprint is located within a MSHCP-designated burrowing owl survey area and subject to the burrowing owl survey requirements [MSHCP Section 6.3.2] (RCTLMA 2006). The MSHCP provides information on plant and wildlife species of concern to the County of Riverside and outlines goals for their conservation (RCTLMA 2014).

A BUOW habitat assessment was conducted simultaneously with the biological reconnaissance survey by ECORP biologists, Carla Marriner and Verity Richardson on November 9, 2022 and January 17, 2023 within the Project Footprint and a 500-foot buffer (Study Area; Figure 3) to determine the presence of suitable habitat. The completed burrowing owl habitat assessment met the requirements of the focused burrow survey in part A of the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (RCTLMA 2006). During the habitat assessment, the biologists determined suitable habitat was present, consisting of relatively large open expanses of sparsely vegetated nonnative forbs and grasses on level to gently rolling terrain, with an abundance of active California ground squirrel burrows. Therefore, additional owl surveys are required to determine the presence of burrowing owls in the Study Area and will need to follow the MSHCP *Burrowing Owl Survey Instructions* (RCTLMA 2006). In addition to BUOW surveys, pre-construction surveys will be required within 30-days prior to site disturbance (RCTLMA 2022).

METHODS

Protocol Focused Burrowing Owl Surveys

Four protocol-level BUOW surveys were conducted on four separate days in March, April, and May 2023 by qualified biologists. The biologists walked pedestrian transects spaced 20-30 meters apart across the entire Study Area (Figure 3) where access was permissible. Surveys were conducted during the burrowing owl breeding season (February 1 - August 31) and in accordance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (RCTLMA 2006). In locations where the Study Area was inaccessible due to unknown property ownership, biologists visually surveyed the area with binoculars. Prior to the start of a transect, biologists visually surveyed the transect and surrounding area. The biologists visually inspected any burrows, rocky areas, or man-made materials within the Study Area for potential BUOW occupation. All burrows encountered were inspected for presence or sign of burrowing owl (e.g., whitewash, pellets, feathers, and/or prey remains) and classified according to the guidelines in the *Staff Report* (California Department of Fish and Game [CDFG] 2012).

Data collected for each burrow included the condition and size of the burrow, number of entrances, presence of burrowing owl sign near the burrow, and location. The location was marked using a Global Positioning System (GPS). Burrows were individually numbered and classified into two categories based on definitions found in the CDFG *Staff Report* (CDFG 2012): occupied burrow or potential burrow. Burrows classified as occupied showed signs (e.g., whitewash, feathers, pellets, and/or bones of prey outside the burrow), indicating BUOW presence and/or use at some point in time. Potential burrows were defined as

burrows that are large enough for a burrowing owl but do not show sign of use by the species. Data was recorded on survey sheets and photographs were taken.

Weather data was recorded at the time of the surveys (including time, temperature, cloud cover, and wind speed at the start and end of the survey). Surveys were not conducted during rain, high winds (over 20 mph), dense fog, or temperatures over 90 °F. The initial focused burrow survey was completed in the evening two hours before sunset and up to one hour after sunset. The remaining three focused burrowing owl surveys were conducted in the morning one hour before sunrise and up to two hours after sunrise. Biologists also recorded the major plant and wildlife species observed or detected during the surveys.

RESULTS

The protocol-level BUOW surveys were conducted over a series of four field visits by ECORP biologists Verity Richardson, Taylor Dee, Eliza Mclean, Amber Francis, Corinna Tapia, Maddy Panzino, and Sam Harrison as noted in Table 1. Weather conditions during the surveys are also provided in Table 1. Representative site photos are included in Attachment A. A complete list of wildlife species observed during the surveys is included in Attachment B, and field data sheets are included in Attachment C.

Table 1. Survey Data

Survey No.	Date	Surveyors	Time		Temperature (F)		Cloud Cover (%)		Wind Speed (mph)	
			Start	End	Start	End	Start	End	Start	End
1	3/27/23	Verity Richardson, Taylor Dee, Eliza Mclean	1705	2005	67	55	10	0	2-5	0-2
2	4/11/23	Amber Francis, Eliza Mclean, Corinna Tapia	0600	0945	60.6	71.4	0	0	0	0
3	4/27/23	Amber Francis, Corinna Tapia	0600	0920	51.3	76	0	0	0-2	0-1
4	5/11/23	Verity Richardson, Maddy Panzino, Sam Harrison	0510	0752	51	59.2	80	80	1-4	1-4

Habitat/Vegetation

The Project Site is currently vacant, disturbed, and undeveloped, characterized by open fields, disturbed annual grassland cover vegetated with a variety of non-native and early successional weedy plant species. The vegetation observed throughout the majority of the Project Footprint is composed of mostly nonnative forbs and grasses. Scattered trash and evidence of off highway vehicle use was also observed on the site.

Additionally, most of the site showed evidence of mechanical disturbance and based on aerial imagery, it appears to have been regularly disturbed over the last 20 years, likely associated with annual weed and fire abatement procedures. The Project Site is bounded by an open lot with a similar vegetative

composition of disturbed nonnative grasslands to the west, Sherman Road and residential developments to the east, commercial development to the north, and Ethanac Road and commercial developments to the south. The majority of the Study Area is disturbed or developed.

The vegetation communities observed within the Project Footprint were characteristic of areas subjected to anthropogenic disturbances. One vegetation alliance, Eucalyptus groves (*Eucalyptus* spp. Woodland Semi-Natural Alliance) (Sawyer et al. 2009) was identified within the offsite improvement area along Sherman Road.

Burrowing Owl

The burrows depicted on Figure 3 are considered potentially suitable (>4 inches in diameter) for BUOW. However, no BUOW or active signs thereof were observed during the four focused surveys and no occupied burrows were observed in the Study Area. The California ground squirrel burrows marked as potential BUOW burrows during the biological reconnaissance survey were difficult to locate during the focused surveys due to the overgrown vegetation. These potential burrows did not contain owl sign at any time. No new potential burrows were located during the focused surveys.

DISCUSSION

Four protocol-level focused surveys for BUOW were conducted by ECORP biologists on March 27, April 11, April 27, and May 11 within the Study Area. Suitable habitat for burrowing owl was initially found to be present during the burrowing owl habitat assessment including potential owl burrows. Throughout the focused surveys, the habitat became less suitable for BUOW due to dense, overgrown vegetation obstructing the burrow openings. No BUOW or occupied burrows were observed or detected in the Project Footprint throughout the four focused surveys. However, the Study Area includes burrows suitable for burrowing owl and suitable burrowing owl foraging habitat; therefore, due to the mobile nature of the species, the previous documentation of potential burrows, and the presence of California ground squirrel activity, it is possible for burrowing owl to occupy the site before the start of construction of the Project. Although burrowing owls were not found, a 30-day burrowing owl pre-construction clearance survey shall be conducted prior to any ground disturbance activities in compliance with the *Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area* (RCTLMA 2006).

If you have any questions regarding the contents of this letter report, please contact me at stennant@ecorpconsulting.com.

Enclosures:

Figure 1. Project Vicinity
Figure 2. Project Location
Figure 3. Burrowing Owl Study Area and Burrow Locations
Attachment A: Representative Site Photographs
Attachment B: Wildlife Species Observed
Attachment C: Field Survey Datasheets

LITERATURE CITED

California Department of Fish and Game (CDFG). 2012. Staff Report on Burrowing Owl Mitigation. State of California, Natural Resources Agency, Department of Fish and Wildlife.

California Department of Fish and Wildlife [CDFW]. 2023. RareFind California Department of Fish and Game Natural Diversity Database (CNDDB). California. Sacramento, CA, California Department of Fish and Wildlife, Biogeographic Data Branch.

California Native Plant Society (CNPS). 2023. Inventory of Rare and Endangered Plants (online edition, v7-08c). Rare Plant Scientific Advisory Committee. California Native Plant Society. Sacramento, CA. Available at: http://www.cnps.org/inventory.

ECORP Consulting, Inc. 2023. Draft Biological Technical Report and MSHCP Consistency Analysis for the Hillwood Ethanac Development Project in Perris, California.

Riverside County Land Management Agency [RCTLMA]. 2022. Western Riverside County Multiple Species Habitat Conservation Plan. Available from: http://rctlma.org/Portals/0/mshcp/volume1/index.html

_____. 2014. About Western Riverside County Multiple Species Habitat Conservation Plan (WR-MSHCP). Available from: https://rctlma.org/epd/wr-mshcp.

_____. 2006. Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan. Available from: https://www.rctlma.org/Portals/3/EPD/consultant/burrowing_owl_survey_instructions.pdf.

Rosenberg, D. K., J. A. Gervais, H. Ober, and D. F. DeSante. 1998. An adaptive management plan for the burrowing owl population at Naval Air Station Lemoore, California, USA. Publication 95, Institute for Bird Populations, P.O. Box 1346, Pt. Reyes Station, CA 94956.

Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. *A Manual of California Vegetation, 2nd ed*. California Native Plant Society, Sacramento, CA.

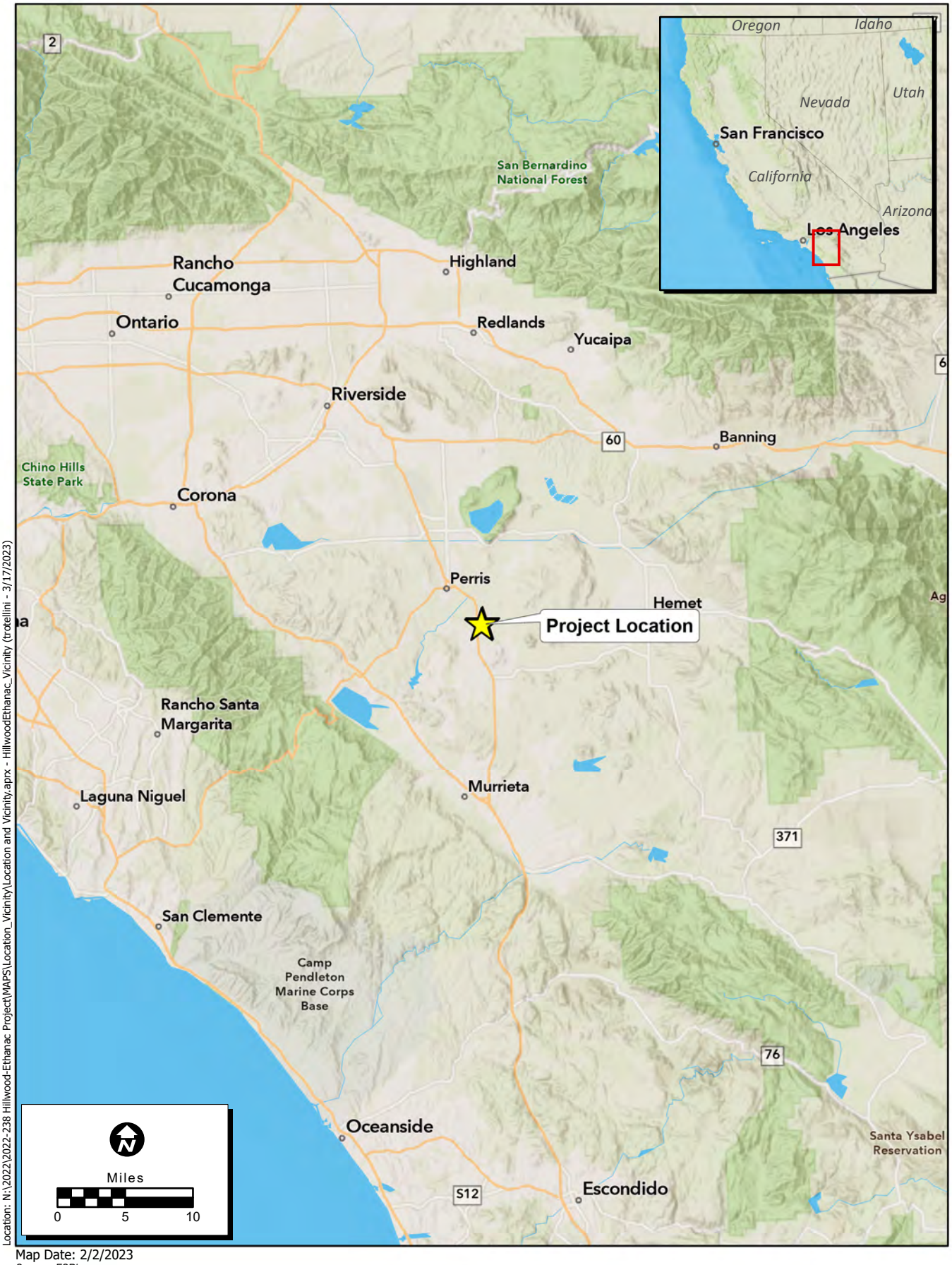


Figure 1. Project Vicinity

ECORP Consulting, Inc.
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2022-238 Hillwood-Ethanac Project



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Location_Vicinity\Location and Vicinity.aprx - HillwoodEthanac_Location (trotellini - 2/2/2023)

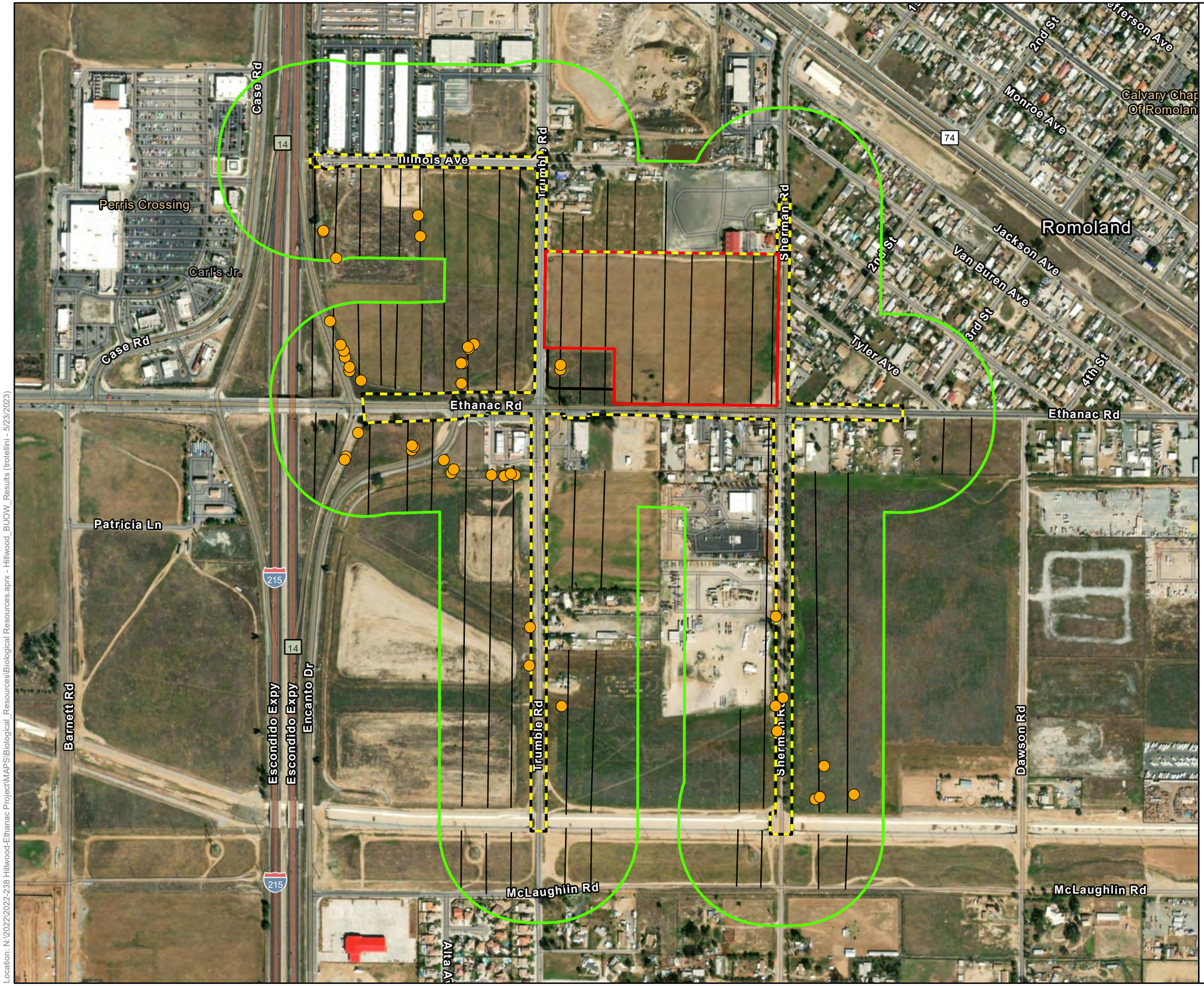
Map Date: 2/2/2023

Service Layer Credits: Source: Esri, USDA FSA, County of Sacramento, California State Parks, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, Esri Community Maps Contributors, Loma Linda University, County of Riverside, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

ECORP Consulting, Inc.
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Figure 2. Project Location

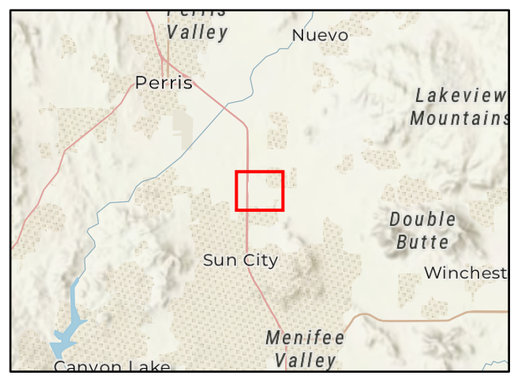
2022-238 Hillwood-Ethanac Project



Map Contents

- Project Site
- Offsite Improvement Area
- Project Footprint
- Study Area (Includes a 500-ft Buffer)
- BUOW Survey Transects
- Potential Burrowing Owl Burrows (No Sign)

Sources: ESRI
Other Related Info if Needed



Location: N:\2022\2022-238 Hillwood-Ethanac Project\MAPS\Biological_Resources\Biological Resources.aprx - Hillwood_BUOW_Results (trotellini - 5/23/2023)

Map Date: 5/23/2023

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Scale in Feet
0 275 550

Figure 3. Burrowing Owl Study Area and Burrow Locations

2022-238 Hillwood-Ethanac Project

ATTACHMENT A

Representative Site Photographs



Photo 1: Typical view and vegetation cover of the western portion of Project Site; facing north. Photo taken March 27, 2023.



Photo 2: East side of the Project Site dominated by herbaceous nonnative forbs and grasses; facing south. Photo taken March 27, 2023.



Photo 3: View of the western portion of the Study Area within the 500-foot buffer dominated by nonnative forbs and grasses; facing northeast. Photo taken March 27, 2023.



Photo 4: View of disturbed habitat along Trumble Road where road improvements will occur; facing north. Photo taken March 27, 2023.



Photo 5: View of the southern portion of the Study Area within 500-foot buffer southwest of Trumble Road; facing west. Photo taken March 27, 2023.



Photo 6: View of grassland habitat adjacent to Sherman Road and offsite improvement area; facing northwest. Photo taken May 11, 2023.



Photo 7: View of a potential burrowing owl burrow observed within the Project Site. Photo taken April 11, 2023.

ATTACHMENT B

Wildlife Species Observed

Scientific Name	Common Name
INSECTA	**INSECTS**
Formicidae	Ants
Pogonomyrmex californicus	California harvester ant
AMPHIBIA	**AMPHIBIANS**
Bufonidae	True Toads
Anaxyrus boreas halophilus	California toad
AVES	**BIRDS**
Accipitridae	Hawks and Eagles
Buteo jamaicensis	Red-tailed hawk
Anatidae	Ducks and Geese
Anas platyrhynchos	Mallard
Branta canadensis	Canada goose
Charadriidae	Plovers
Charadrius vociferus	Killdeer
Columbidae	Pigeons and Doves
*Columba livia**	Rock pigeon
Zenaida macroura	Mourning dove
Corvidae	Jays and Crows
Corvus corax	Common raven
Fringillidae	Finches
Haemorhous mexicanus	House finch
Spinus psaltria	Lesser goldfinch
Hirundinidae	Swallows
Petrochelidon pyrrhonota	Cliff swallow
Stelgidopteryx serripennis	Northern rough-winged swallow
Icteridae	New World Blackbirds
Agelaius phoeniceus	Red-winged blackbird
Sturnella neglecta	Western meadowlark
Mimidae	Mockingbirds and Thrashers
Mimus polyglottos	Northern mockingbird
Passerellidae	New World Sparrows

Scientific Name	Common Name
Passerculus sandwichensis	Savannah sparrow
Zonotrichia leucophrys	White-crowned sparrow
Passeridae	Old World Sparrows
*Passer domesticus**	House sparrow
Sturnidae	Starlings
*Sturnus vulgaris**	European starling
Trochilidae	Hummingbirds
Calypte anna	Anna's hummingbird
Tyrannidae	Tyrant Flycatchers
Sayornis nigricans	Black phoebe
Sayornis saya	Say's phoebe
Tyrannus verticalis	Western kingbird
Tyrannus vociferans	Cassin's kingbird
Tytonidae	Barn Owls
Tyto alba	Barn owl
MAMMALIA	**MAMMALS**
Geomyidae	Pocket Gophers
Thomomys sp.	Smooth-toothed pocket gopher
Leporidae	Rabbits and Hares
Sylvilagus audubonii	Desert cottontail
Sciuridae	Squirrels
Otospermophilus beecheyi	California ground squirrel

*Nonnative species

ATTACHMENT C

Field Survey Datasheets

Date: 3/27/23
Survey Season: Breeding
Survey #: 1
GPS File Name: _____

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-238
Client: _____

General Information	Weather Data		
Observers: Verity Richardson, Taylor Dee, Eliza McLean.		AM	PM
	Time (24 hr)	Start: 1705 End: _____	Start: 1705 End: 2005
	Temp* (°F) 6" above ground in shade	Start: 69°F End: _____	Start: 67 End: 55
	Wind (mph)	Start: 2-5 End: _____	Start: 2-5 End: 0-2
	% Cloud Cover	Start: 10% End: _____	Start: 10 End: 0

Site Information

Project Name: Hillwood-Ethanac
Location: Perris-Menifee
County: Riverside
Photos Taken? [Y] [N]
Area Surveyed: Project area +500-ft buffer

Physical Characteristics

Elevation:
Land Form*:
* e.g. mesa, bajada, wash
Soils:
Other:
Land Uses:
N:
E:
S:
W:
Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other]

Transect Width: 10-20 meters

Field Observations

Vegetation Communities:

Plants

Animals: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)]

WEKI EUST
SPOP HOFI
CORA RTHA
CAKI BARO
MODO SPPH

Harvester ant
Cottontail
California ground sq.

Comments

No BUOW observed.

Date: 3/27/23
Survey Season: Breeding
Survey #: 1
GPS File Name: ______________

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-238
Client: ______________

Burrowing Owl Sign

Sign	# features	Location (UTM Northing/Easting)	Comments (aspect, dimensions, etc.)

Comments:

Date: 4-11-23
Survey Season: Breeding
Survey #:
GPS File Name: Hillwood-Ethanac

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-238
Client:

General Information	Weather Data				
Observers:		AM		PM	
Amber Francis Eliza McLean Corrina Tapia	Time (24 hr)	Start: 0800	End: 0945	Start:	End:
	Temp* (°F) 6" above ground in shade	Start: 60.6	End: 71.4	Start:	End:
	Wind (mph)	Start: 0	End: 0	Start:	End:
	% Cloud Cover	Start: 0	End: 0	Start:	End:

Site Information

Project Name: Hillwood - Ethanac
Location: Perris - Menifee
County: Riverside
Photos Taken? [Y] [N]
Area Surveyed: Project area + 500-ft buffer

Physical Characteristics

Elevation:	Soils:
Land Form*:	Other:
* e.g. mesa, bajada, wash	
Land Uses:	
N:	S:
E:	W:

Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other]

Transect Width: 10-20 meters Portions of the southern buffer (S of Ethanac) not surveyed due to time constraints.

Field Observations

Vegetation Communities:

Plants

Animals: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)]

WEME	CAKI	RWBL	CA ground squirrel
CORA	HOFI	HOSP	
EUST	MODO	LEBO	
ANHU	KILL	NOMO	
WCSP	RTHA	SASP	
		CLSW	

Comments

Dense, high vegetation (grasses + nonnatives) ≥ 4' high. Difficult to see any burrows

Date:_____
Survey Season:_____
Survey #:_____
GPS File Name:_____

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #:_____
Client: _____

Burrowing Owl Sign

Sign	# features	Location (UTM Northing/Easting)	Comments (aspect, dimensions, etc.)
pot burrow	1	33.742368, -117.187095	4"x5", no sign, N
pot burrow	1	33.742390, -117.187128	no sign, 4"x5", NW
prev burrow		33.738655, -117.180415	collapsed

Comments:

Date: 4-28-23
Survey Season: Breeding
Survey #: 3
GPS File Name:

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-238
Client:

General Information	Weather Data		
Observers:		AM	PM
Amber Francis Corina Tapia	Time (24 hr)	Start: 0600 End: 0920	Start: ____ End: ____
	Temp* (°F) 6" above ground in shade	Start: 51.3 End: 76.0	Start: ____ End: ____
	Wind (mph)	Start: 0-2 End: 0-1	Start: ____ End: ____
	% Cloud Cover	Start: 0 End: 0	Start: ____ End: ____

Site Information

Project Name: Hillwood - Ethanac
Location: Perris / Romoland
County: Riverside
Photos Taken? (Y) [N]
Area Surveyed: Project site + 500-foot buffer in suitable habitat

Physical Characteristics

Elevation:	Soils:
Land Form*:	Other:
* e.g. mesa, bajada, wash	
Land Uses:	
N: development	S: development
E: residential	W: undeveloped

Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other]
Tracks (vehicles), trash, dumpsite. Site and areas of buffer had been recently disced (since last survey)

Transect Width: 10-20 meters ~20m

Field Observations

Vegetation Communities:

Plants

Animals: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)]

CORA
BLPH
SAPH
KILL
EUST
NOMO
WEME
gopher
CA ground squirrel
MODO
CAKI
ANHU
RWBL
HOFI
HOSP
RTHA
CLSW
MALL
ROPI

Comments

Vegetation was still dense throughout many areas in the buffer. Some areas in the buffer as well as ~40m perimeter around project site were recently disced. All burrows previously mapped, aside from object ID 19, 44, & 45, could not be located due to dense vegetation.

Burrows along slope of on ramp & off ramp to Ethanac appeared unchanged.

Date:_____
Survey Season:_____
Survey #:_____
GPS File Name:_____

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #:_____
Client: _____

Burrowing Owl Sign			
Sign	# features	Location (UTM Northing/Easting)	Comments (aspect, dimensions, etc.)

Comments:

Date: May 11, 2023
Survey Season: Breeding
Survey #: 4
GPS File Name: _____

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-238
Client: Hillwood - Ethanac

General Information	Weather Data		
Observers: Verity Richardson, Maddy Panzio, Sam Hamison		AM	PM
	Time (24 hr)	Start: 0510 End: 0752	Start: _____ End: _____
	Temp* (°F) 6" above ground in shade	Start: 51 End: 59.2	Start: _____ End: _____
	Wind (mph)	Start: 1-4 End: 1-4	Start: _____ End: _____
	% Cloud Cover	Start: 80 End: 80	Start: _____ End: _____

Site Information

Project Name: Hillwood Ethanac
Location:
County:
Photos Taken? [Y] [N]
Area Surveyed:

Physical Characteristics

Elevation:	Soils:
Land Form*:	Other:
* e.g. mesa, bajada, wash	
Land Uses:	
N:	S:
E:	W:

Disturbances on Site: [e.g. tracks (vehicle, human, livestock); trash; dump sites; blading; other]

Transect Width: 10-20 meters

Field Observations

Vegetation Communities:

Plants

Animals: [include: B - burrow, S - scat, O - observed, T - tracks, C - carcass, or Other (specify)]

WEKI, WEME, HOFI, CLSW, CANG, MODO, CAKI
ANHU, SASP, RWBL, NRWS, desert cottontail
California ground squirrel.

Comments

Date: 5/11/23
Survey Season: ________
Survey #: 4
GPS File Name: ________

Burrowing Owl Survey

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Project #: 2022-238
Client: Hillwood-Ethanac

Burrowing Owl Sign — Decimal degrees

Sign	# features	Location (~~UTM Northing/Easting~~)	Comments (aspect, dimensions, etc.)
B	2	33.743620, -117.184469	4.5"x4.5", potential burrow no sign
			>2' deep, SE + SW aspects

Comments:

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Safety Meeting Form

Project Number: 2022-238
Date: May 11, 2023
Project Name: Millwood Ethanol
Start time/End Time: 0510 - 0810
Meeting Leader: VRichardson
Location: Ethanol road, Riverside County.

Specific Activities Planned (check all that apply)

- ☑Walking/hiking long distances
- ☐Using all-terrain vehicles
- ☐Using mechanized equipment (i.e. chainsaw)
- ☐Towing trailer
- ☑Driving between sites
- ☑Driving steep or narrow roads
- ☐Driving 4X4 roads
- ☐Driving wet/muddy roads
- ☐Driving in snow/ice
- ☑Crossing paved roads
- ☐Crossing flowing water (walking/driving)
- ☐Working in deep (>1m) ponded water
- ☐Working in flowing water (creek/river)
- ☐Working on steep cliffs
- ☐Working near active forestry site
- ☑Working in area of unknown property ownership
- ☑Working under transmission lines
- ☐Working near active construction
- ☐Working on a boat
- ☑Working in brushy, overgrown areas
- ☐Working on mine tailings (cobbles)
- ☐Working in mine site (shafts, pits)
- ☑Working near abandoned buildings
- ☑Working in "suspect" neighborhood
- ☐Capturing live animals
- ☐Performing dipnet surveys
- ☐Working along railroad tracks
- ☐Lifting/carrying heavy equip.
- ☐Other (list)

_____

Potential Hazards (check all that apply)

- ☑Venomous snakes
- ☑Trip/slip/fall hazards/uneven ground/slick rocks
- ☑Landowners/other people
- ☑Dogs
- ☑Barbed wire fences
- ☐Electric fence lines
- ☑Spiny/thorny vegetation (inc. vines)
- ☑Heat-related illness (heat stroke/exhaustion/sunburn)
- ☑Cold-related illness (hypothermia/frost-bite)
- ☐Swift currents/water crossings
- ☑Stinging and biting insects (bees, wasps, mosquitoes, ticks, scorpions)
- ☑Poison oak/other irritating vegetation
- ☐Unexploded ordinance
- ☑Dry brush/fire hazards
- ☐Mine shafts
- ☑Vehicular traffic
- ☐Livestock
- ☐Falling rocks/cliffs/steep edges
- ☑Refuse/rusty nails/junk piles
- ☐Hantavirus
- ☐Inhalation hazards (e.g., Valley Fever)
- ☑Predatory mammals
- ☐Lightning
- ☑Overhead electrical hazards
- ☑Driving conditions/treacherous road hazards
- ☐Active railroad use
- ☑Animal burrow (trip/fall)
- ☐Military/high-security areas
- ☑High winds
- ☐Snow/hail
- ☐Other (list)

_____

Supplies and PPE Needed

- ☐Water
- ☑Food/snacks
- ☑Hiking boots
- ☐Wading boots
- ☐Rubber boots/waders
- ☑Large hat/bandanas
- ☐Hard hat
- ☑Safety vest
- ☑Personal first aid kit
- ☑Sunscreen/SHADE
- ☑Long-sleeved shirt
- ☐Steel-toed boots
- ☐Rain gear
- ☑Cold weather gear
- ☑Magnetic vehicle signs
- ☐Other
- ☐ Does project have a project-specific safety plan?

Hazard Response

Location of nearest first aid kit (check all that apply):
- ☑ Personal field gear
- ☐ Truck
- ☐ Construction trailer
- ☐ Other (list)

_____

Location of nearest Medical Provider Network:
Menifee Global Medical Center
28400 McCall Blvd.
Location/phone of nearest MPN (if not in a 911 service area); **draw map on reverse, or attach a printout with directions**:

_____

_____

Snakebite/California Poison Control: 1-800-222-1222
Site-specific contact person/number:

_____

Site-specific emergency #:_____
Other:
_____

Current Worker's Compensation Carrier:
State Compensation Insurance Fund
Medical Provider Network (MPN) - http://www.statefundca.com/mpn

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Safety Meeting Form

Attendees

Print Name	Field Lead?	Signature	Field Cell Number
Verity Richardson	Yes		760-704-7249
M. Panzino	N		714-335-8058
Isaiah Harrison	N		562-754-8428

Current Worker's Compensation Carrier:
State Compensation Insurance Fund
Medical Provider Network (MPN) - http://www.statefundca.com/mpn

APPENDIX G

Aquatic Resources Delineation

AQUATIC RESOURCE DELINEATION REPORT

Hillwood-Ethanac Project
Perris, Riverside County, CA
January 2023

Prepared by:
Hernandez Environmental Services
17037 Lakeshore Drive
Lake Elsinore, CA 92530

Prepared for:
ECORP
215 North 5th Street
Redlands, CA 92374

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APPENDICES

Appendix A – Site Photographs
Appendix B – Soils Map

1.0 Introduction

Hernandez Environmental Services (HES) was contracted by ECORP Consulting, Inc. to prepare an aquatic resources delineation report for the approximately 40.7-acre project area which consists of the 20.1-acre project site and approximately 20.6 acres of areas that will be potentially impacted for road and drainage improvements (project). The purpose of this report is to identify and describe aquatic resources in the project area. This report facilitates efforts to document aquatic resource boundary determinations for review by regulatory authorities.

1.1 Project Site Location

The project site is located northwest of the intersection of Ethanac Road and Sherman Road, in the City of Perris, Riverside County, California. To access the site from Interstate 215, take exit 14 toward Ethanac Road and continue east, turn left on Sherman Road and the project site is on your left. The proposed project also includes road improvements to portions of Ethanac Road, Sherman Road, Trumble Road, and Illinois Avenue. The project site consists of Assessor's Parcel Numbers (APNs) 329-240-016, -017, -018, -019, -020 -025, -026, and -027. Specifically, the project site is in Section 10 of Township 5 south, Range 3 west within the *Romoland* United States Geological Survey (USGS) 7.5' topographic quadrangle. The center point latitude and longitude coordinates for the project site are 33° 44' 39.8985" N, 117° 10' 56.4851" West (Figures 1 and 2).

1.2 Project Description

The proposed project consists of the construction of a 412,348 square foot warehouse building with offices (Figure 3). The proposed project includes potential offsite road and drainage improvements to Illinois Avenue, Trumble Road, Ethanac Road, and Sherman Road.

2.0 Regulatory Background

2.1 California Department of Fish and Wildlife Lake and Streambed Alteration Agreement

The California Department of Fish and Wildlife (CDFW) is responsible for conserving, protecting, and managing California's fish, wildlife, and native plant resources. To meet this responsibility, the California Fish and Game Code (F&GC), requires that the CDFW be consulted if a proposed development project has the potential to detrimentally effect a stream and thereby wildlife resources that depend on a stream for continued viability (F&GC Division 2, Chapter 5, section 1600-1616). A Section 1602 Lake or Streambed Alteration Agreement is required, should the CDFW determine that the proposed project may do one or more of the following:

- 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.

For the purposes of clarification, a stream is defined by CDFW as "a body of water that flows perennially or episodically and that is defined by the area in which water currently flows, or has flowed, over a given course during the historic hydrologic regime, and where the width of its course can reasonably be identified by physical or biological indicators." The historic hydrologic regime is defined as circa 1800 to the present (CDFW 2010).

2.2 United States Army Corps of Engineers Clean Water Act 404 Permit

The Clean Water Act (CWA) establishes the basic structure for regulating discharges of pollutants into the waters of the United States (WUS) and regulating quality standards for surface waters. Under Section 404 of the CWA, the United States Army Corps of Engineers (USACE) regulates the discharge of dredged or fill material into wetlands and WUS, which includes tidal waters, interstate waters, and "all other waters, interstate lakes, rivers, streams (including intermittent streams), mud flats, sand flats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes or natural ponds, the use, degradation, or destruction of which could affect interstate or foreign commerce or which are tributaries to waters subject to the ebb and flow of the tide" (33 C.F.R. 328.3(a)), pursuant to provisions of Section 404 of the Clean Water Act. Section 404 requires a permit from the USACE or authorized state for the discharge of dredged or fill material into WUS, including wetlands.

For purposes of Section 404 of the CWA, the lateral limits of jurisdiction over non-tidal WUS extend to the ordinary high-water mark (OHWM), in the absence of adjacent wetlands. Under 33 CFR 328.3(e), the USACE defines the term OHWM as "that line on the shore established by the fluctuations of water and indicated by physical characteristics such as a clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas."

According to the Environmental Protection Agency (EPA) and USACE, "wetlands are 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. Wetlands generally include swamps, marshes, bogs, and similar areas." Water saturation (hydrology) largely determines how the soil develops and the types of plant and animal communities living in and on the soil. Wetlands may support both aquatic and terrestrial species. The prolonged presence of water creates conditions that favor the growth of specially adapted plants (hydrophytes) and promote the development of characteristic wetland (hydric) soils. The EPA and the Corps use the 1987 Corps of Engineers Wetlands Delineation Manual and Regional Supplements to define wetlands for the CWA Section 404 permit program. To qualify for wetlands status, vegetation, soils, and hydrologic parameters must all be met.

For the purposes of this section, the term "fill" is defined as material placed in waters of the United States where the material has the effect of:

- Replacing any portion of a WUS with dry land; or
- Changing the bottom elevation of any portion of a WUS.

Examples of such fill material include, but are not limited to rock, sand, soil, clay, plastics, construction debris, wood chips, overburden from mining or other excavation activities, and materials used to create any structure or infrastructure in the WUS. The term fill material does not include trash or garbage.

The definition of "discharge of dredged material" is defined as any addition of dredged material into, including redeposit of dredged material other than incidental fallback within, the WUS. The term includes, but is not limited to, the following:

- The addition of dredged material to a specified discharge site located in WUS;
- The runoff or overflow, associated with a dredging operation, from a contained land or water disposal area; and
- Any addition, including redeposit other than incidental fallback, of dredged material, including excavated material, into WUS which is incidental to any activity, including mechanized land clearing, ditching, channelization, or other excavation.

The term discharge of dredged material does not include the following:

- Discharges of pollutants into WUS resulting from the onshore subsequent processing of dredged material that is extracted for any commercial use (other than fill). These discharges are subject to section 402 of the CWA even though the extraction and deposit of such material may require a permit from the Corps or applicable State.
- Activities that involve only the cutting or removing of vegetation above the ground (e.g., mowing, rotary cutting, and chain-sawing) where the activity neither substantially disturbs the root system nor involves mechanized pushing, dragging, or other similar activities that redeposit excavated soil material.
- Incidental fallback.

2.3 Regional Water Quality Control Board Clean Water Act / Porter-Cologne Act

The State Water Resources Control Board (State Water Board) and the Regional Water Quality Control Boards (RWQCB) (collectively Water Boards) have the authority to regulate discharges of dredged or fill material to waters of the state under Section 401 of the CWA and the Porter-Cologne Water Quality Control Act (Porter-Cologne). CWA Section 401 water quality certifications are issued to applicants for a federal license or permit for activities that may result

in a discharge into WUS, including but not limited to the discharge or dredged or fill material (as defined in Section 2.2 above). Waste discharge requirements under Porter-Cologne are issued for discharges of dredged or fill material to waters of the state.

In accordance with Porter-Cologne (Water Code, § 13000 et seq.), the Water Boards are authorized to regulate discharges of waste, which includes discharges of dredged or fill material, that may affect the quality of waters of the state. The Water Code defines waters of the state broadly to include "any surface water or groundwater, including saline waters, within the boundaries of the state." Waters of the state includes all WUS. On April 2, 2019, the State Water Board adopted State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Procedures), which contained a wetland definition and wetland delineation procedures. The Procedures state that "an area is wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation." The following wetlands are waters of the state:

1. Natural wetlands;
2. Wetlands created by modification of a surface water of the state;
3. Artificial wetlands that meet any of the following criteria:
    a. Approved by an agency as compensatory mitigation for impacts to other waters of the state, except where the approving agency explicitly identifies the mitigation as being of limited duration;
    b. Specifically identified in a water quality control plan as a wetland or other water of the state;
    c. Resulted from historic human activity, is not subject to ongoing operation and maintenance, and has become a relatively permanent part of the natural landscape;
    d. Greater than or equal to one acre in size, unless the artificial wetland was constructed, and is currently used and maintained, primarily for one or more of the following purposes (i.e., the following artificial wetlands are not waters of the state unless they also satisfy the criteria set forth in 2, 3a, or 3b):
        i. Industrial or municipal wastewater treatment or disposal,
        ii. Settling of sediment,
        iii. Detention, retention, infiltration, or treatment of stormwater runoff and other pollutants or runoff subject to regulation under a municipal, construction, or industrial stormwater permitting program,

iv. Treatment of surface waters,

v. Agricultural crop irrigation or stock watering,

vi. Fire suppression,

vii. Industrial processing or cooling,

viii. Active surface mining – even if the site is managed for interim wetlands functions and values,

ix. Log storage,

x. Treatment, storage, or distribution of recycled water, or

xi. Maximizing groundwater recharge (this does not include wetlands that have incidental groundwater recharge benefits);

xii. Fields flooded for rice growing.

All artificial wetlands that are less than an acre in size and do not satisfy the criteria set forth in 2, 3.a, 3.b, or 3.c are not waters of the state. If an aquatic feature meets the wetland definition, the burden is on the applicant to demonstrate that the wetland is not a water of the state.

3.0 Methodology

3.1 Literature Review

Prior to the site visit, a literature review was conducted to aid in determining the potential for perennial, intermittent, or ephemeral drainages, wetlands, and riparian vegetation. Project background documents, topographic maps, satellite imaging, soils maps, and land use maps were examined to establish an accurate project site location, project description, potential for onsite drainages and wetlands, records of on-site vegetation, watershed, soils, and surrounding land uses.

3.2 Field Survey

On December 6 and 26, 2022, HES conducted field surveys of the approximate 40.7-acre project area which consists of the 20.1-acre project site and approximately 20.6 acres of areas that will be potentially impacted for road and drainage improvements. The field survey was conducted to delineate jurisdictional drainages and wetlands resources associated with jurisdictional drainages. Special attention was paid to areas that will be impacted by the proposed project. Representative site photographs were taken and are included within Appendix A.

Jurisdictional drainages were identified by looking for features such as a bed, bank, or channel. Where riparian vegetation was present, the drip line of the outer edge of the vegetation was used as the measuring criteria. Furthermore, the presence of an ordinary high-water mark (OHWM) was recorded. The OHWM is defined as: “on non-tidal rivers, the line on the shore established by the

fluctuations of water and indicated by the physical characteristics such as a 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 area." Where the presence of an OHWM was evident, a measurement was taken for the width of the OHWM, and the measurement was recorded. Areas measured were also recorded using hand-held Global Positioning System (GPS) for accurate location reference. Any man-made features on site that were measured were also recorded using hand-held Garmin GPSMAP 64s for accurate location reference.

Where changes in plant community composition were apparent, the area was examined for the possibility of wetlands. Whether or not adjacent to "waters of the U.S.", the potential wetland area was evaluated for the presence of the three wetland indicators: hydrology, hydric soils and hydrophytic vegetation. The guidelines followed are those established in the 1987 Army Corps of Engineers Manual as well as the 2006 Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region.

4.0 Results

4.1 Environmental Setting

The 40.7-acre project area consists of paved roads and vacant disturbed land. The portions of the site that remain undeveloped had been previously graded and appears to be continually disturbed by weed abatement activities. The entire project area was field verified by HES biologists. A portion of a manmade earthen canal is located adjacent to the southern portion of Trumble Road within the project area. Onsite elevations range from 1,417 feet above mean sea-level (AMSL) to 1,453 feet AMSL. The site is bordered by commercial development to the north, residential development to the east, industrial development to the south, and vacant land to the west.

4.2 Existing Hydrological Features

4.2.1 Overview

The proposed project area contains a portion of a manmade earthen canal and a portion of a cement lined channel that are tributaries to the San Jacinto River. All other culverts or other man-made storm drain features found within the project area were found to not be jurisdictional due to lack of natural flows. There are areas on site that have evidence of ponding water such as cracked soils and shifts in vegetation. However, these areas were found to not qualify as wetlands due to lack of suitable vegetation and soils.

4.3 Soils

Seven soil classes are identified to occur on the project site by the United States Department of Agriculture Web Soil Survey (Appendix B). Soils at the project site are classified as:

- Exeter sandy loam (EnA), 0 to 2 percent slopes;
- Exeter sandy loam (EnC2), 2 to 8 percent slopes, eroded;
- Greenfield sandy loam (GyC2), 2 to 8 percent slopes, eroded;
- Madera fine sandy loam (MaA), 0 to 2 percent slopes;
- Monserate sandy loam (MmB), 0 to 5 percent slopes;
- Monserate sandy loam (MnD2), shallow, 5 to 15 percent slopes, eroded; and
- Ramona sandy loam (RaA), 0 to 2 percent slopes, MLRA 19.

None of these soils qualify as hydric and they all are considered to have well drained soil classes. The onsite soils do not allow for water pooling on the site to remain for any significant length of time after rain events or have any characteristics of hydric soils. The onsite soils do not qualify as hydric or mesic soils associated with vernal pools or wetlands.

4.4 Vegetation

The project site primarily consists of developed paved roads bordered by developed areas or disturbed areas with ruderal habitat. The vegetation within the portion of the manmade earthen canal on site includes mulefat (*Baccharis salicifolia*), barbary fig (*Opuntia ficus-indica*), palo verde (*Parkinsonia* sp.), and tamarisk (*Tamarix* sp.). The dominant species in the herbaceous layer within the canal was shortpod mustard (*Hirschfeldia incana*). Tamarisk and shortpod mustard are nonnative species. The mulefat within the project area was confined to the area directly adjacent to Trumble Road. and has a wetland indictor of Facultative Plant (FAC) which occurs in wetlands and non-wetlands. Palo verde also has a wetland indicator of FAC. The cement lined channel within the project area does not contain any vegetation.

4.5 Hydrology

The site is located within the Santa Ana Basin Plan, the San Jacinto Valley hydrologic unit, the Perris hydrologic area, and the Perris Valley sub-area. Due to the disturbed nature of the site, historical aerials from Google Earth were viewed in order to determine if the manmade canal was carrying natural flows. In a historical aerial from 2002, a depression is noticeable in the area where the manmade canal now occurs (Figure 4). The manmade earthen canal collects ephemeral flows and directs them northwest. The canal leads to an offsite catch basin which carries the flows across the Interstate 215 and eventually to the San Jacinto River. The cement lined channel that crosses the project area carries ephemeral flows west across the Interstate 215 and then heads northwest eventually flowing to the San Jacinto River. The San Jacinto River is a tributary to Canyon Lake.

No other natural drainages occur on site. Google Earth aerials, topo maps, elevation ranges, and field findings were used to determine the source and direction of flows to and from other manmade ditches or stormwater features on site. There is a large box culvert at the western end of Illinois

Avenue within the project area that collects runoff from Illinois Avenue and Interstate 215. Based on the field findings and literature review, the box culvert does not collect flows from any jurisdictional features and is not a tributary to a jurisdictional feature; therefore, the box culvert and adjacent ditch are not jurisdictional.

Table 1. Aquatic Resources within the Manmade Canal in the Survey Area

Jurisdictional Agency	Aquatic Resource Size (acre)	Aquatic Resource Size (linear feet)
CDFW	0.02	108
RWQCB	0.01	108
USACOE	0.01	108
Location (lat/long)	33° 44' 21.9155" North, 117° 11' 05.6112" West	

Table 2. Aquatic Resources within the Cement Lined Channel in the Survey Area

Jurisdictional Agency	Aquatic Resource Size (acre)	Aquatic Resource Size (linear feet)
CDFW	0.03	24
RWQCB	0.03	24
USACE	0.03	24
Location (lat/long)	33° 44' 12.2882" North, 117° 11' 05.7293" West	

4.6 California Department of Fish and Wildlife Jurisdiction

The project site contains approximately 0.05 acre (132 linear feet) of CDFW jurisdictional ephemeral features and associated vegetation regulated under Section 1602 of the Fish and Game Code (Figure 5). CDFW jurisdiction was measured from top of bank to top of bank or outside the dripline of associated riparian habitat. The CDFW jurisdictional areas on the project site include 0.02 acre of canal and associated mulefat and palo verde.

4.7 Waters of the United States

The project site contains approximately 0.04 acre (132 linear feet) of Waters of the United States which are regulated by the USACE Sections 404 and 401 of the CWA (Figure 6). The stream located on site is tributary to San Jacinto River which connects to Canyon Lake.

4.8 Regional Water Quality Control Board Jurisdiction

The project site contains approximately 0.04 acre (132 linear feet) of an earthen canal and cement lined channel that carries ephemeral flows that are considered waters of the state subject to the Porter-Cologne Act (Figure 7). Beneficial uses for the Perris Valley Channel have been identified by the Santa Ana Basin Plan as Municipal and Domestic Supply (MUN), Non-Contact Water Recreation (REC2), Wildlife Habitat (WILD), and Rare, Threatened or Endangered Species (RARE).

5.0 Impacts to Jurisdictional Areas

5.1 California Department of Fish and Wildlife

The project is expected to impact approximately 0.05 acre (132 linear feet) of an ephemeral stream and associated habitat that would be regulated under Section 1602 of the Fish and Game Code. Impacts to these drainages would require the CDFW to be notified of these impacts under a Notification of Lake of Streambed Alteration Agreement pursuant to F&GC Section 1602.

5.2 Waters of the United States

The project site is expected to impact approximately 0.04 acre (132 linear feet) of an ephemeral stream on site which is considered a WUS. Impacts to onsite WUS will qualify for a Nationwide Permit (NWP) 14 from the USACE. The Decision Document for NWP 14 this permit covers "Linear Transportation Projects. Activities required for crossings of waters of the United States associated with the construction, expansion, modification, or improvement of linear transportation projects (e.g., roads, highways, railways, trails, driveways, airport runways, and taxiways) in waters of the United States. For linear transportation projects in non-tidal waters, the discharge of dredged or fill material cannot cause the loss of greater than 1/2-acre of waters of the United States." The impacts to WUS within the manmade earthen canal and the cement lined channel would each require their own permit, according to Decision Document NWP 14 "each crossing is considered a single and complete project for purposes of NWP authorization".

5.3 Regional Water Quality Control Board

The project site is expected to impact approximately 0.04 acre (132 linear feet) of an ephemeral stream that are waters of the state subject to the Porter-Cologne Act. Impacts to onsite waters of the state that require a USACE 404 permit will also need a 401 State Water Quality Certification. The Santa Ana RWQCB will determine if waste discharge requirements (WDR) are required for impacts to Waters of the State.

6.0 Recommendation

CDFW and RWQCB jurisdictional waters are regulated by state and local governments under a no-net-loss policy, and all impacts are considered significant and should be avoided to the greatest

extent possible. Impacts to jurisdictional waters require mitigation through habitat creation, restoration, or enhancement as determined by consultation with the regulatory agencies during the permitting process. Any impacts to CDFW jurisdiction would require a Section 1602 Streambed Alteration Agreement from CDFW. Any impacts to WUS would require a Section 404 permit and would qualify for a Nationwide Permit 14 authorization from the USACE. It would also need a 401 Certification from the Santa Ana RWQCB.

7.0 Certification

*"**CERTIFICATION**: I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this jurisdictional delineation, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief."*



DATE 01/26/2023 SIGNED _____

Project Manager

Fieldwork Performed By:

Elizabeth Gonzalez

SENIOR BIOLOGIST

Sarah Vasquez

ASSOCIATE BIOLOGIST

8.0 References

CDFW (California Department of Fish and Wildlife). 2010. A Review of Stream Processes and Forms in Dryland Watersheds. Prepared by Kris Vyverberg, Conservation Engineering.

CDFW (California Department of Fish and Wildlife). 2013. Fish and Game Code of California.

California Regional Water Quality Control Board, Santa Ana Region. 1995. Water Quality Control Plan for the Santa Ana River Basin. Santa Ana, California.

California State Water Resources Control Board. 2019. Porter-Cologne Water Quality Control Act, Water Code Division 7 and Related Sections.

Department of the Army. 1986 (Nov 13). 33 CFR Parts 320 Through 330, Regulatory Programs of the Corps of Engineers; Final Rule. Federal Register 51(219):41206-41206.

Department of the Army. 2000 (Mar 9). 33 CFR Parts 320 Through 330, Regulatory Programs of the Corps of Engineers; Final Rule. Federal Register 65(47):12818-12899.

Department of the Army. 2002 (Jan 15). 33 CFR Parts 320 Through 330, Regulatory Programs of the Corps of Engineers; Final Rule. Federal Register 67(10):20020-2095.

Department of the Army, Corps of Engineers, Department of Defense; and Environmental Protection Agency (EPA). 2020. 33CFR Part 328, 40 CFR Parts 110, 112, 116, 117, 120, 122, 230, 232, 300, 302, and 401; The Navigable Waters Protection Rule: Definition of "Waters of the United States." Federal Register 85(77): 22250-22342.

Hickman, J.C. 1993. The Jepson Manual: Higher Plants of California. University of California Press. Berkeley, California.

Munz, P.A. 1974 A Flora of Southern California. University of California Press. Berkeley, California.

Reed, P.B. 1988. National List of Plant Species That Occur in Wetlands: California (Region 0). National wetlands Inventory, US Fish and Wildlife Biological Report 88 (26.9).

Sawyer, J.O. and T. Keeler-Wolf. 1995. A Manual of California Vegetation. California Native Plant Society. Sacramento, California.

USACE (United States Army Corps of Engineers). 1987. Corps of Engineers Wetlands Delineation Manual. Technical Report Y-87-1. U.S. Army Corps of Engineers Waterways Experiment Station. Vicksburg, Mississippi.

USACE (United States Army Corps of Engineers). 2006. Interim Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region. Ed, J.S. Wakely, R.W.

USGS (United States Geological Survey). *Romoland*, California 7.5-Minute Topographic Quadrangle Map. Department of the Interior. U.S. Government Printing Office. Washington, D.C.

Web Soil Survey. Available online at http://websoilsurvey.nrcs.usda.gov/. Accessed January 2023.

FIGURES

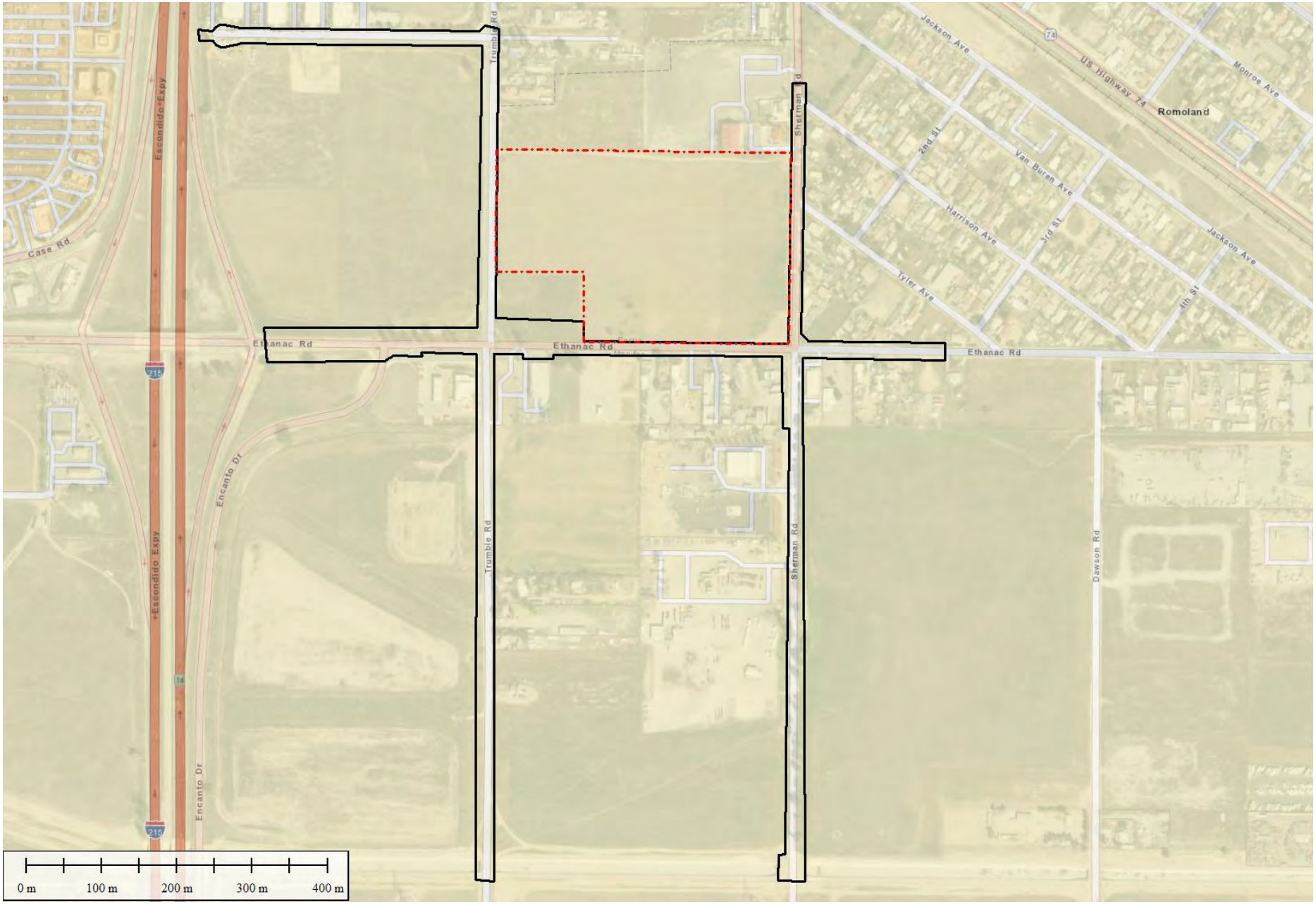


Figure 1

Location Map
Hillwood-Ethanac
City of Perris, Riverside County, California

Legend

Project Site

Offsite Project Area

N

Hernandez Environmental Services

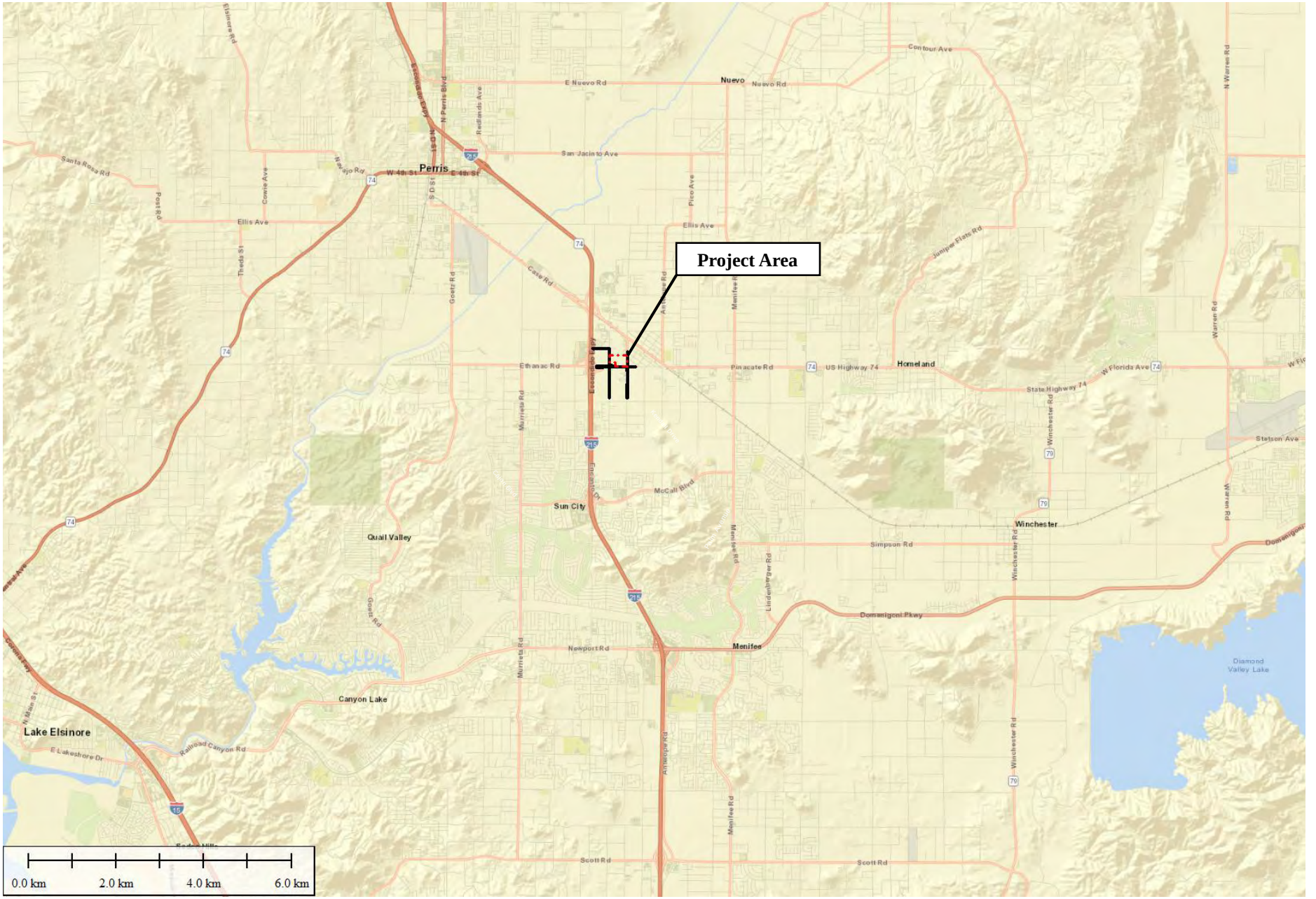


Figure 2

Vicinity Map
Hillwood-Ethanac
City of Perris, Riverside County, California

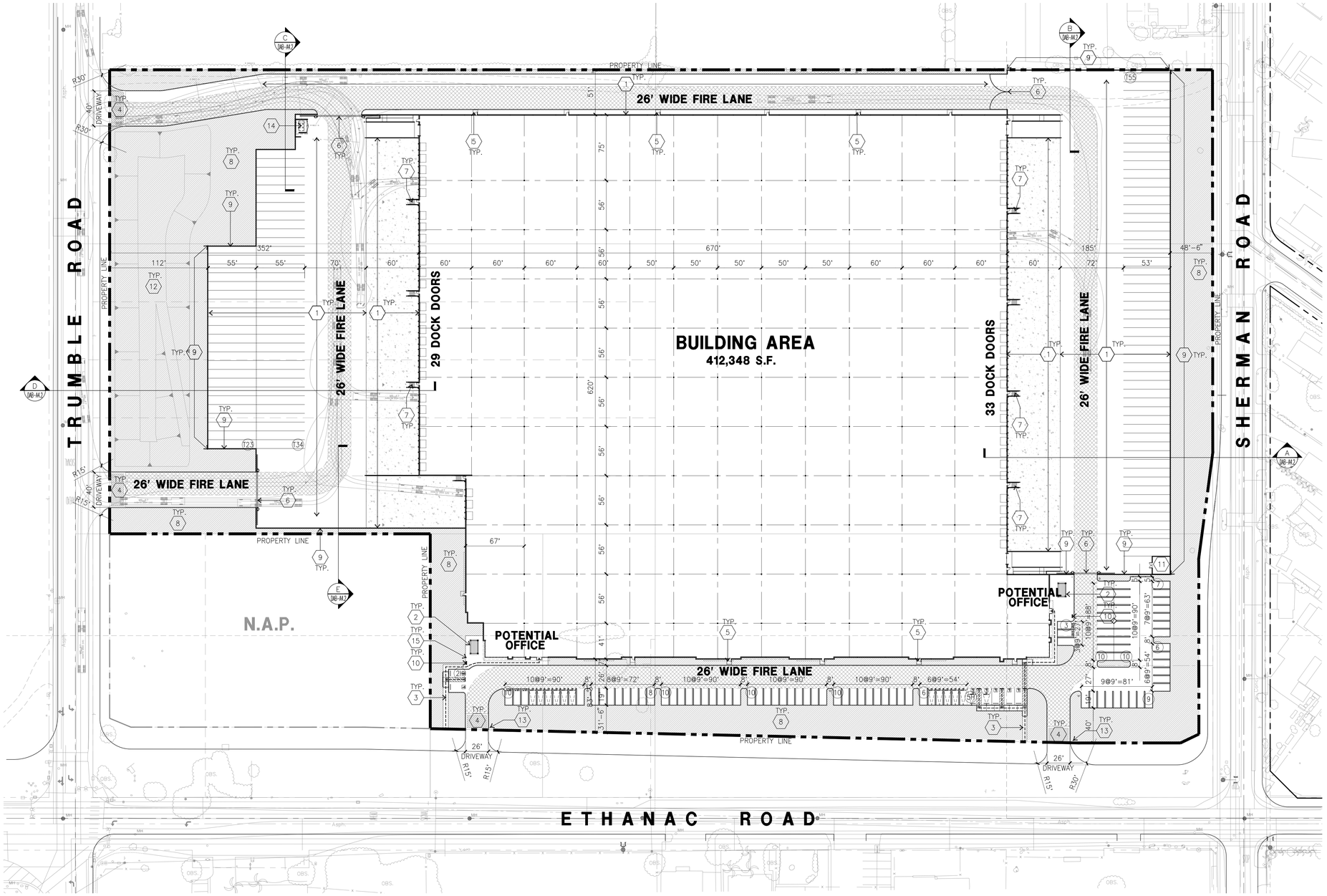
Legend

Project Site

Offsite Project Area

N

Hernandez Environmental Services



OVERALL SITE PLAN (A)
scale: 1" = 50'-0"

SCALE: 1" = 50'-0"
0 50' 100' 150'
TRUE NORTH

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONC. PAVEMENT,
2. EMPLOYEE BREAK AREA
3. CONCRETE WALKWAY, MEDIUM BROOM FINISH.
4. DRIVEWAY APRONS TO BE CONSTRUCTED PER "C" AND "L" DRAWINGS.
5. 5'-6"X5'-6"X4" MIN. THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH. SLOPE TO BE 1/4" : 12" MAX.
6. 8' H PROVIDE METAL, MANUAL OPERATED GATES W/ VIEW OBSCURING MESH. KNOX-PAD LOCK PER FIRE DEPARTMENT STANDARDS PER DRIVEWAY.
7. EXTERIOR CONC. STAIR.
8. LANDSCAPE. NOTED BY SHADING. SEE "L" DWGS.
9. 14'H CONCRETE TILT-UP SCREEN WALL W/ DECORATIVE PILASTERS EVERY 100'.
10. BIKE RACK
11. PROPOSED PUMPHOUSE LOCATION
12. DETENTION BASIN. SEE "C" DWGS.
13. ACCESSIBLE ENTRY SIGN
14. TRASH ENCLOSURE PER CITY STANDARD
15. DESIGNATED SMOKER'S AREA

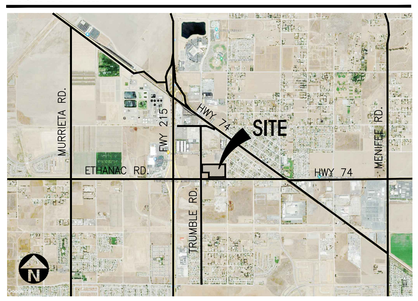
SITE PLAN GENERAL NOTES

1. THE SITE PLAN BASED ON THE SOILS REPORT PREPARED BY
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES
5. PROVIDE STRUCTURAL CALCULATION AND CONSTRUCTION ANCHORAGE DETAIL FOR TRANSFORMER PRIOR TO INSTALLATION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C"DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12' EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". FINISH TO BE A MEDIUM BROOM FINISH
11. U.N.O. PROVIDE KNOX BOXES AT ALL OFFICE ENTRANCES.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. ON-SITE FIRE MAIN, FIRE SPRINKLER, AND SPRINKLER MONITORING SYSTEM SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND PERMITTING.
14. ALL VERTICAL MOUNTING POLES OF FENCING SHALL BE CAPPED.
15. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
16. ALL INTERIOR AND EXTERIOR WALK SURFACES TO BE NON-SLIP TYPE

SITE PLAN GENERAL NOTES

- CONCRETE PAVING. SEE "C" DRWGS. FOR THICKNESS
- STANDARD PARKING STALL (9' X 19')
- CLEAN AIR/VANPOOL/EV CONDUIT STUB FOR FUTURE EV
- CLEAN AIR/ VANPOOL/EV WITHOUT CONDUIT STUB FOR FUTURE EV
- TRAILER PARKING (10' X 53')
- LANDSCAPED AREA
- NON-ACCESSIBLE PATH
- ACCESSIBLE PARKING STALL (9' X 19') + 5' W/ ACCESSIBLE AISLE
- ACCESSIBLE PARKING (VAN) STALL (12'-0" X 19') + 5' W/ ACCESSIBLE AISLE
- PATH OF TRAVEL. MINIMUM WIDTH TO BE 4'. SLOPE NOT TO EXCEED 5% IN THE DIRECTION OF TRAVEL AND CROSS SLOPE NOT TO EXCEED 2%, SEE CIVIL FOR GRADING PLAN
- PROPERTY LINE
- 26' WIDE FIRE LANE FIRE DEPT STANDARD

VICINITY MAP



PROPERTY OWNER

HILLWOOD
901 VIA PIEMONTE, STE 175
ONTARIO, CA 91764
TEL: 909-256-5924
ATTN: JOHN GRACE

ADDRESS OF THE PROPERTY

TBD
NEC ETHANAC ROAD AND TRUMBLE ROAD

ASSESSOR'S PARCEL NUMBERS

329-240-016 to 20, 23 to 27

ZONING

CURRENT: COMMERCIAL COMMUNITY (CC)
PROPOSED: LIGHT INDUSTRIAL (LI)

LEGAL DESCRIPTION

SEE CIVIL DRAWINGS

APPLICANT

HILLWOOD
901 VIA PIEMONTE, STE 175
ONTARIO, CA 91764
TEL: 909-256-5924
ATTN: JOHN GRACE

ARCHITECT

HPA, INC.
18831 BARDEEN AVE SUITE 100
IRVINE CA 92612
TEL: 949-862-2122
ATTN: INKON KIM

CIVIL

WEBB ASSOCIATES
3788 CMCRAY STREET
RIVERSIDE, CA 92506
TEL: 951-320-6088
ATTN: OSCAR VALDEZ

PROJECT DATA

SITE AREA		
In s.f.	864,675	sf
In acres	19.9	ac
BUILDING AREA		
Office - 1st floor	10,000	sf
Office - 2nd floor	5,000	sf
Warehouse	397,348	sf
TOTAL	412,348	sf
FLOOR AREA RATIO		
Maximum Allowed	0.75	
Actual	0.477	
SITE COVERAGE		
Maximum Allowed	50%	
Actual	47.1%	
AUTO PARKING REQUIRED		
High Cube:		
Office: 1/300 (only if less than 10% GFA)	N/A	stalls
Whse: 1st 20k @ 1/1,000 s.f.	20	stalls
2nd 20k @ 1/2,000 s.f.	10	stalls
above 40k @ 1/5,000 s.f.	75	stalls
TOTAL	105	stalls
AUTO PARKING PROVIDED		
Standard (9' x 19')	83	stalls
ADA Standard (9' x 19')	3	stalls
ADA Van (12' x 19')	2	stalls
EV Standard (9' x 19')	11	stalls
EV ADA Standard (9' x 19')	1	stalls
EV Van (12' x 19')	1	stalls
Clean Air/Vanpool/EV (9' x 19')	5	stalls
TOTAL	106	stalls
TRAILER PARKING REQUIRED		
Trailer: 1/5,000 s.f.	82	stalls
TRAILER PARKING PROVIDED		
Trailer (10' x 55')	112	stalls
ZONING ORDINANCE		
Current Zoning - Commercial Community		
Proposed Zoning - Light Industrial (LI)		
MAXIMUM BUILDING HEIGHT ALLOWED		
Height - 50'		
LANDSCAPE REQUIREMENT		
Percentage - 15% of the site area		
LANDSCAPE PROVIDED		
In s.f.	154,543	sf
Percentage	17.9%	
SETBACKS		
Building	Landscape	
Ethanac Rd. - 15' (Arterial)	15'	
Trumble Rd. - 10' (Collector)	10'	
Sherman Rd. - 10' (Collector)	10'	
Side / rear- 0', adjoining R zone - 20'		
- Loading/unloading - 30'		

OFFICIAL USE ONLY

HPA architecture

hpa, inc.
18831 bardeen avenue, - ste. #100
irvine, ca
92612
tel: 949•863•1770
fax: 949•863•0851
email: hpa@hparchs.com

Owner:

HILLWOOD
A PEROT COMPANY

Hillwood
901 Via Piemonte, Ste 175
Ontario, CA 91764
909-256-5924
ATTN: John Grace

Project:

NEC Ethanac Road & Trumble Road

Perris, CA

Consultants:

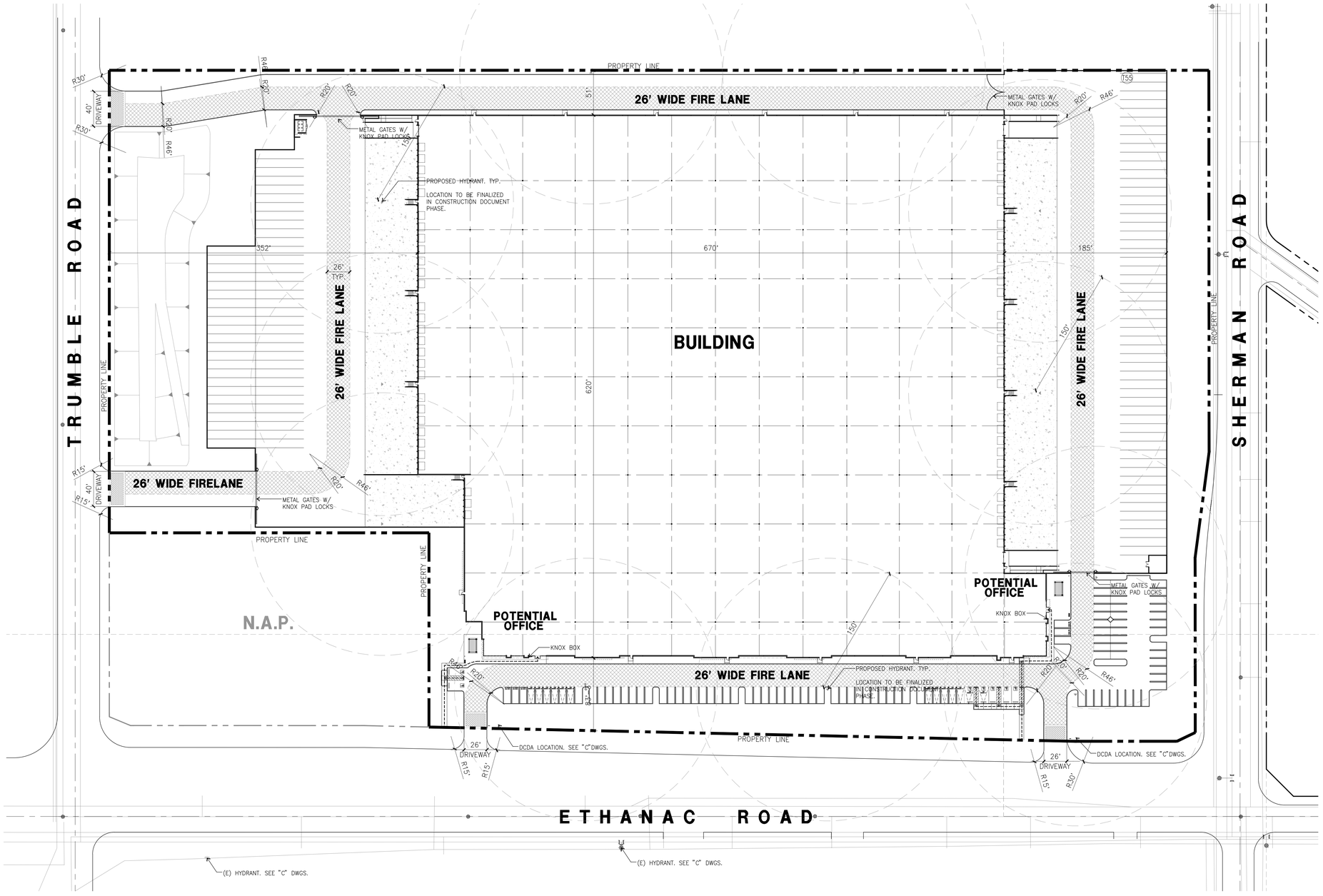
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STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: OVERALL SITE PLAN

Project Number:	22215
Drawn by:	KT
Date:	03/29/2023
Revision:	
1ST SUBMITTAL	10/21/2022
2ND SUB / PC1	01/11/2023
3RD SUB / PC2	03/29/2023

Sheet:

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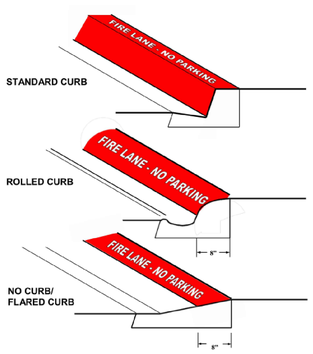
FIRE ACCESS PLAN A

scale: 1" = 50'-0"

SCALE: 1" = 50'-0"

0 50' 100' 150' TRUE NORTH

Fire Lane Identification – Red Curbs



1. Fire lane entrance sign(s) shall also be provided per Attachment 10 or 11.
2. Curbs shall be painted OSHA safety red.
3. "FIRE LANE – NO PARKING" shall be painted on top of curb in 3" white lettering at a spacing of 30' on center or portion thereof.

FIRE LANE IDENTIFICATION 1

scale: N.T.S.

Specifications for Fire Lane Entrance Signs

To be used only at vehicle entry points to areas that contain "Fire Lane—No Parking" signs or red curbs



All sign and lettering dimensions shown are minimums. "Arial Narrow" font used is used in sample above though other legible sans-serif fonts may be acceptable.

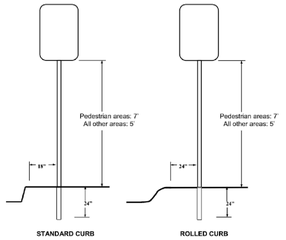
This sign shall be posted at all vehicle entrances to areas marked with either red curbs or fire lane "No Parking" signs. Signs shall be securely mounted facing the direction of travel and clearly visible to oncoming traffic entering the designated area. Signs shall be made of durable material and installed per Attachments 13 and 14.

Towing company contact information is required for all properties with a standing written agreement for services with a towing company per the California Vehicle Code.

SIGNAGE DETAIL 2

scale: N.T.S.

Mounting Specifications for Fire Lane Entrance and No Parking Signs



Signs shall be mounted facing the direction of vehicular travel.

Signs may be mounted on existing posts or buildings where the centerline of the sign is no more than 24' from the edge of the roadway.

Depth of bury shall be a minimum of 24" and rebar, a concrete footing, or another method to prevent removal of the sign is recommended. Footings for signs located in the public right-of-way shall be per the local jurisdiction's requirements.

SIGNAGE DETAIL 3

scale: N.T.S.

Specifications for Fire Lane No Parking Signs



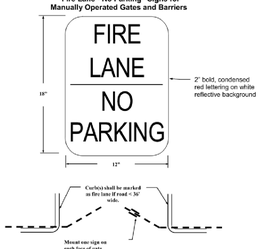
All sign and lettering dimensions shown are minimums. "Arial Narrow" font used is used in sample above though other legible sans-serif fonts may be acceptable.

Signs shall be securely mounted facing the direction of travel and clearly visible to oncoming traffic entering the designated area. Signs shall be made of durable material and installed per Attachments 13 and 14.

SIGNAGE DETAIL 5

scale: N.T.S.

Specifications for "Fire Lane - No Parking" Signs for Manually Operated Gates and Barriers



All sign and lettering dimensions shown are minimums. "Arial Narrow" font used is used in sample above though other legible sans-serif fonts may be acceptable.

"Fire Lane—No Parking" sign shown in Attachment 12 may be used as an alternative. Signs shall be securely mounted on the front and back face of the gate clearly visible to traffic entering the designated area. Signs shall be made of a durable material.

SIGNAGE DETAIL 4

scale: N.T.S.

Specifications for Alternate Location of Towing Company Information



Towing company contact information is required for all properties with a standing written agreement for services with a towing company per the California Vehicle Code.

To facilitate periodic changes in towing company contracts, the towing company contact information may be posted on a separate sign mounted directly below the fire lane entrance sign instead of on the entrance sign itself. The method of attachment to the post shall not obscure the wording on either sign.

SIGNAGE DETAIL 6

scale: N.T.S.

FIRE LANE NOTES

- 75,000 LBS MINIMUM CAPACITY
- 2.5% SLOPE MAX. SEE "C" DWGS

HPA architecture

hpa, inc.
18831 bardeen avenue, - ste. #100
irvine, ca
92612
tel: 949•863•1770
fax: 949•863•0851
email: hpa@hparchs.com

Owner:

HILLWOOD
A PEROT COMPANY

Hillwood
901 Via Piemonte, Ste 175
Ontario, CA 91764
909-256-5924
ATTN: John Grace

Project:

NEC Ethanac Road & Trumble Road

Perris, CA

Consultants:

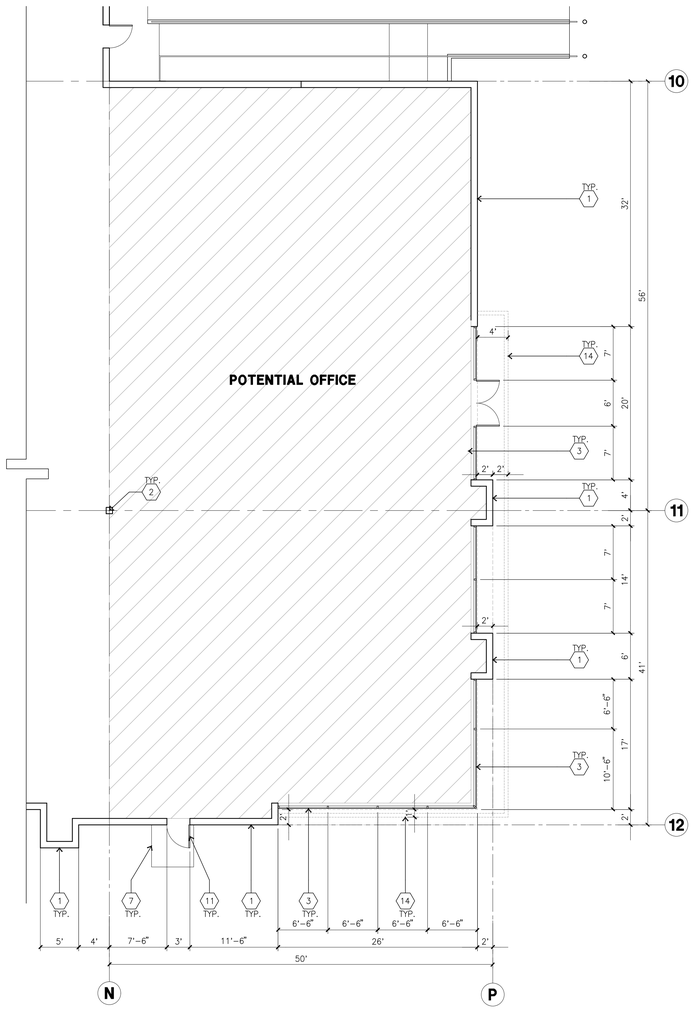
CIVIL	WEBB
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: FIRE ACCESS PLAN

Project Number:	22215
Drawn by:	KT
Date:	03/29/2023
Revision:	
1ST SUBMITTAL	10/21/2022
2ND SUB / PC1	01/11/2023
3RD SUB / PC2	03/29/2023

Sheet:

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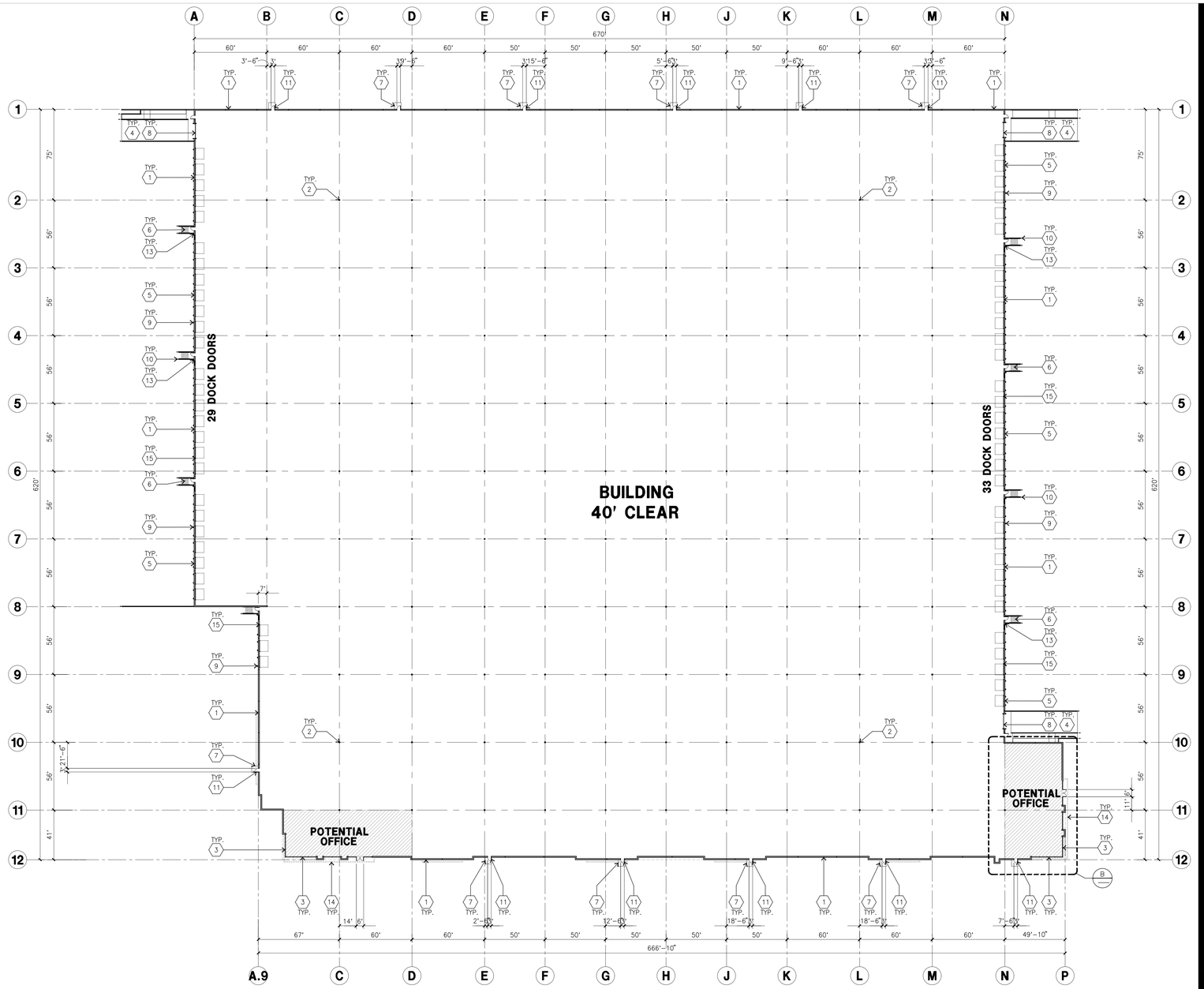
ENLARGED FLOOR PLAN B

scale: 1/8" = 1'–0"

SCALE: 1/8" = 1'–0"

0 8' 16' 24'

TRUE NORTH



OVERALL FLOOR PLAN A

scale: 1" = 40'–0"

SCALE: 1" = 40'–0"

0 40' 80' 120'

TRUE NORTH

KEYNOTES - FLOOR PLAN

1. CONCRETE TILT–UP PANEL.
2. STRUCTURAL STEEL COLUMN.
3. TYPICAL STOREFRONT SYSTEM WITH GLAZING. SEE OFFICE BLOW–UP AND ELEVATIONS FOR SIZE, COLOR AND LOCATIONS.
4. CONCRETE RAMP W/ 42"HIGH CONC TILT–UP GUARD WALL OR BUILDING WALL ON BOTH SIDE OF RAMP.
5. 9'–0" X 10' TRUCK DOOR, SECTIONAL O'H., STANDARD GRADE.
6. EXTERIOR CONCRETE STAIR
7. 5'–6"X5'–6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYPICAL AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREA. FINISH TO BE MEDIUM BLOOM FINISH. SLOPE TO BE 1/4" - 12" MAX. PROVIDE WALK TO HARD SURFACE PER CITY REQUIREMENTS.
8. 12' X 14' DRIVE THRU. SECTIONAL OH., STANDARD GRADE.
9. DOCK DOOR BUMPER
10. CONC. FILLED GUARD POST. 6" DIA. U.N.O.. 42"H.
11. 3'X7' HOLLOW METAL EXTERIOR MAN DOOR.
12. SOFFIT LINE ABOVE
13. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPER,
14. PAINTED I–BEAM CANOPY
15. Z GUARD
16. LONG TERM BICYCLE PARKING.

GENERAL NOTES - FLOOR PLAN

A. THIS BUILDING IS DESIGNED FOR HIGH PILE STORAGE WITH FIRE ACCESS MAN DOORS AT 100' MAXIMUM O.C. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY RACKING/CONVEYER SYSTEMS.

B. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT.

C. THE BUILDING FLOOR SLAB IS SLOPED, SEE "C" DRAWINGS FOR FINISH SURFACE ELEVATIONS.

D. NOT USED

E. WAREHOUSE INTERIOR CONCRETE WALLS ARE PAINTED WHITE. COLUMNS ARE TO RECEIVE PRIMER ONLY. ALL GYP. BD. WALLS IN WAREHOUSE TO RECEIVE 1 COAT OF WHITE TO COVER.

F. SLOPE POUR STRIP 1/2" TO EXTERIOR AT ALL MANDOOR EXITS. SEE "S" DRAWINGS FOR POUR STRIP LOCATION.

G. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.

H. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF–SITE UTILITIES. CONTRACTOR TO VERIFY ACTUAL UTILITY LOCATIONS. PLUMBING/ELECTRICAL COORDINATION.

I. FOR DOOR TYPES AND SIZES, SEE DETAIL SHEET AD.4. NOTE: ALL DOORS PER DOOR SCHEDULE ARE FINISH OPENINGS.

J. CONTRACTOR TO PROTECT AND KEEP THE FLOOR SLAB CLEAN. ALL EQUIPMENT TO BE DIAPERED INCLUDING CARS AND TRUCKS.

K. ALL EXIT MAN DOORS IN WAREHOUSE TO HAVE ILLUMINATED EXIT SIGN. HARDWARE.

L. HIGHLY FLAMMABLE AND COMBUSTIBLE MATERIAL SHALL NOT BE USED OR STORED IN THIS BUILDING.

M. EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT". THE MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE 60" FROM FINISH FLOOR LEVEL TO THE CENTER OF THE SIGN.

N. NON–ACCESSIBLE DOOR. PROVIDE WARNING SIGN LOCATED IN THE INTERIOR SIDE PER CBC 1133B.1.1.1

O. ALL ROOF MOUNTED MATERIALS SHALL BE FULLY SCREENED FROM PUBLIC VIEW, SEE A/A4.1 OFFICE SECTION.

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Project:

NEC Ethanac Road & Trumble Road

Perris, CA

Consultants:

CIVIL	WEBB
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: OVERALL FLOOR PLAN

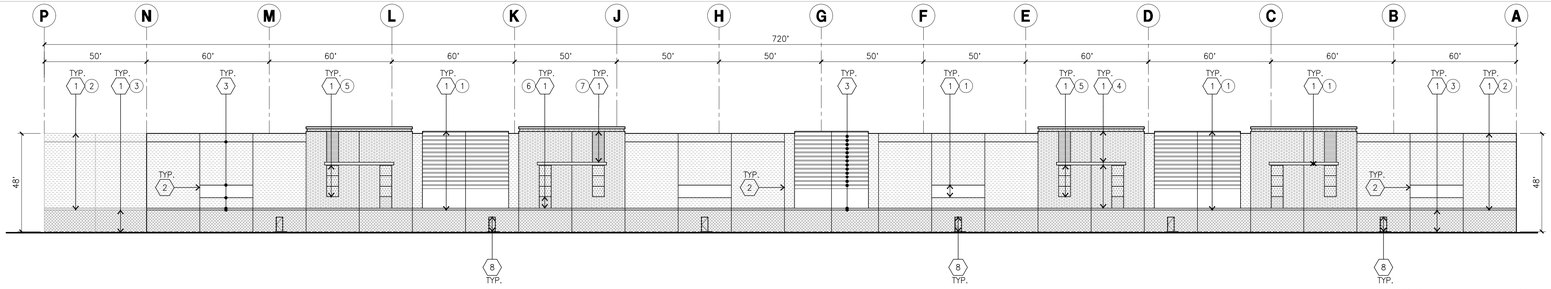
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Drawn by:	KT
Date:	03/29/2023

Revision:

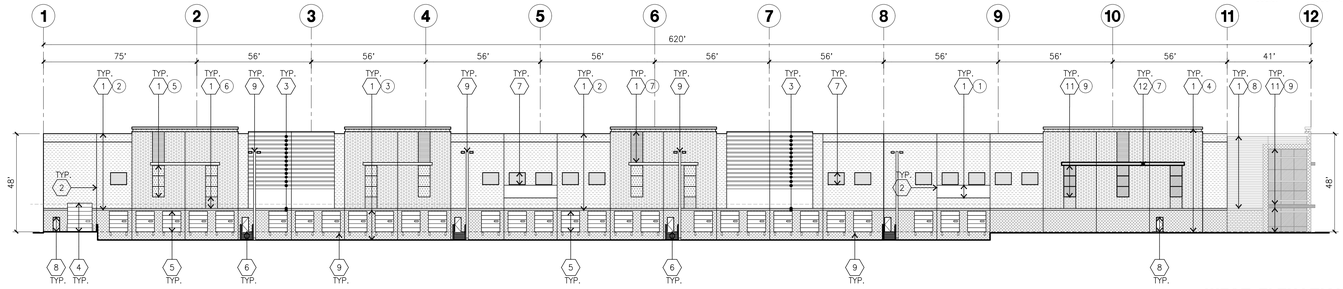
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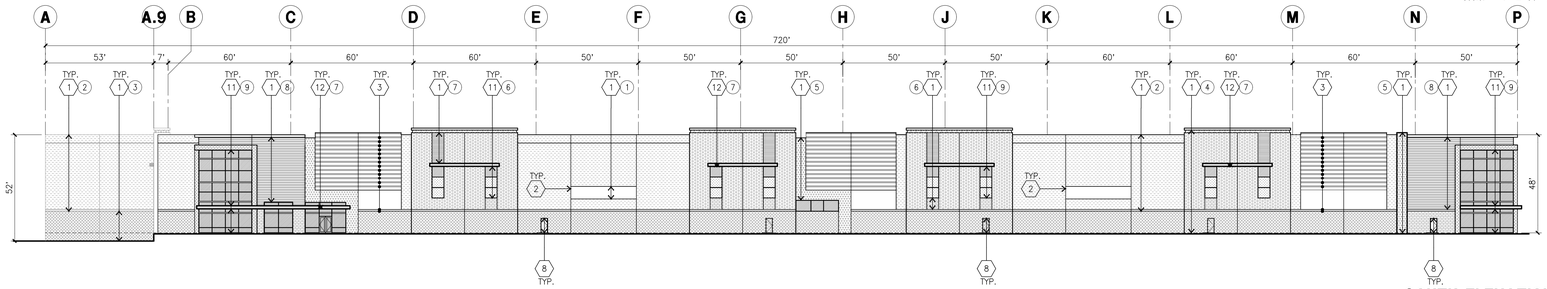
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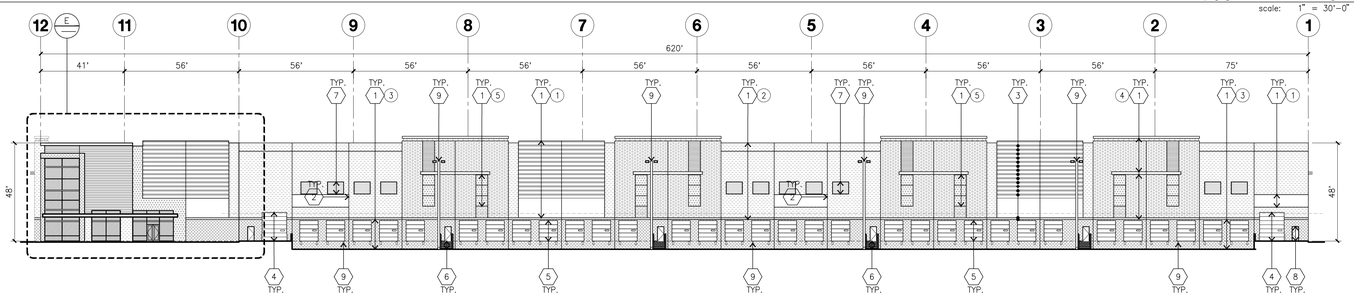
NORTH ELEVATION A
scale: 1" = 30'-0"



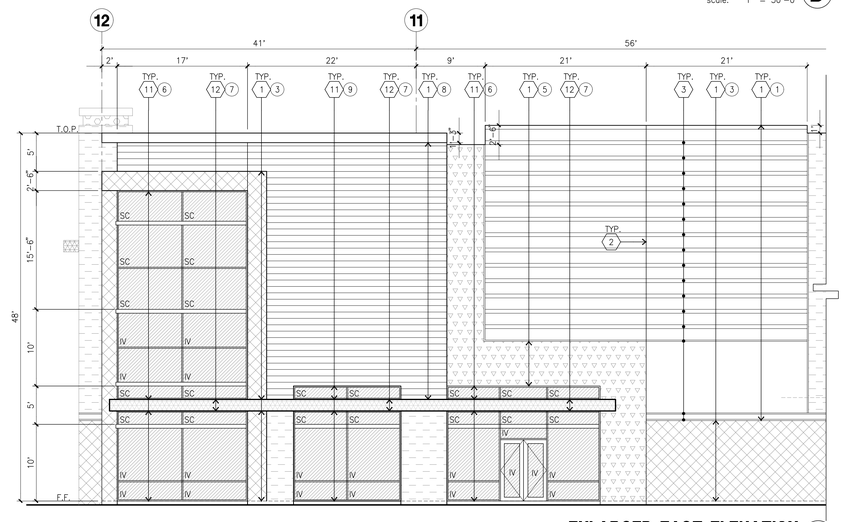
WEST ELEVATION B
scale: 1" = 30'-0"



SOUTH ELEVATION C
scale: 1" = 30'-0"



EAST ELEVATION D
scale: 1" = 30'-0"



ENLARGED EAST ELEVATION E
scale: 1/8" = 1'-0"

KEYNOTES - ELEVATIONS

1. CONCRETE TILT-UP PANEL(PAINTED). FINISH GRADE VARIES. SEE "C" DRAWINGS. WATERPROOF ALL WALLS WHERE GRADE IS HIGHER AND EXPOSED TO THE WEATHER ONE SIDE. WATERPROOFING TO BE PROTECTED WITH PROTECTION BOARD AND A MIN. OF 6" OF GRAVEL. PROVIDE TRENCH DRAIN AT BOTTOM AND DAYLIGHT TO CURB OR TAKE TO STORM DRAIN. NOT REQUIRED AT DOCK HIGH CONDITION OR AT RAMP WALLS.
2. PANEL JOINT.
3. PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR. U.N.O.
4. OVERHEAD DOOR @ DRIVE THRU. SEE DOOR SCHEDULE. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
5. OVERHEAD DOOR @ DOCK HIGH. SEE DOOR SCHEDULE. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
6. CONCRETE STAIR, LANDING AND GUARDRAIL W/ METAL PIPE HANDRAIL. PROVIDE NON SKID NOSING TO MEET ADA REQUIREMENTS. PROVIDE CONTRASTING COLORED 3" WIDE WARNING STRIPE INTEGRAL TO CONCRETE AT TOP LANDING AND BOTTOM TREAD PER ADA REQUIREMENTS.
7. METAL LOUVER, PAINT TO MATCH BUILDING COLOR.
8. 3'X7' HOLLOW METAL EXTERIOR MAN DOOR. PROVIDE COMPLETE WEATHER STRIPING ALL AROUND DOOR. PROVIDE FOR RAIN DIVERTER ABOVE DOOR.
9. EXTERIOR DOWNSPOUT AND OVERFLOW SCUPPER
10. DOCK BUMPER
11. ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING AT ALL DOORS, SIDELITES ADJACENT TO DOORS AND GLAZING WITH BOTTOMS LESS THAN 18" ABOVE FINISH FLOOR ELEVATION.
12. PAINTED I-BEAM CANOPY

GENERAL NOTES - ELEVATIONS

A. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
B. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
C. T.O.P. EL= TOP OF PARAPET ELEVATION.
D. F.F. = FINISH FLOOR ELEVATION.
E. STOREFRONT CONSTRUCTION: GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST 90 MPH. EXPOSURE "C" WINDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
F. CONTRACTOR SHALL FULLY PAINT ONE CONCRETE PANEL W/ SELECTED COLORS. ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
G. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
H. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATH.
J. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
K. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON

COLOR SCHEDULE - ELEVATIONS

1	CONCRETE TILT-UP PANEL	PAINT BRAND	SHERWIN WILLIAMS SW 7005 (255-C1) PURE WHITE
2	CONCRETE TILT-UP PANEL	PAINT BRAND	SHERWIN WILLIAMS SW 7071 (235-C1) GRAY SCREEN
3	CONCRETE TILT-UP PANEL	PAINT BRAND	SHERWIN WILLIAMS SW 7073 (235-C3) NETWORK GRAY
4	CONCRETE TILT-UP PANEL	PAINT BRAND	SHERWIN WILLIAMS SW 7074 (235-C5) SOFTWARE
5	CONCRETE TILT-UP PANEL	PAINT BRAND	SHERWIN WILLIAMS SW 6524 (185-C7) COMMODORE
6	CORONADO STONE	PAINT BRAND	WIRECUT BRICK - 2 1/2" x 8" COLOR: ICEBERG, GROUT: WHITE
7	METAL PANEL CLADDING	PAINT BRAND	BRIDGERSTEEL SHIPLAP WALL - 12" COLOR: SILVER METALLIC
8	METAL PANEL CLADDING	PAINT BRAND	BRIDGERSTEEL SHIPLAP WALL - 12" COLOR: SLATE GRAY
9	GLAZING/MULLIONS	COLOR	CLEAR GLAZING WITH CLEAR ANODIZED ALUMINUM MULLIONS
10	METAL CANOPY	PAINT BRAND	SHERWIN WILLIAMS SW 7005 (255-C1) PURE WHITE

GLAZING LEGEND

ALL GLAZING TO BE TEMPERED GLASS.

IV INSULATED VISION GLASS

SC SPANDREL GLASS WITH CONCRETE BEHIND

V SINGLE LITE VISION GLASS

IV : INSULATED VISION GLASS
1/4" **VISTACOOL PACIFICA** + 1/4" **SOLARBAN 60** CLEAR
1" INSULATED GLASS UNIT WITH 1/2" AIRSPACE AND 1/4" LITES
U: **0.27** SHGC: **0.21** VLT: **26%**
MINIMUM VT TO BE 0.42 PER 2016 CEC TABLE 140.3-B

SC : SPANDREL WITH CONCRETE BEHIND
1/4" **VISTACOOL PACIFICA** WITH **WARM GRAY** OPACICOAT PAINTED ON REFLECTIVE. INSTALLED ON CONCRETE.

V : VISION GLASS
1/4" **VISTACOOL PACIFICA**

MULLIONS : **ANODIZED CLEAR.**

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Project:

NEC Ethanac Road & Trumble Road

Perris, CA

Consultants:

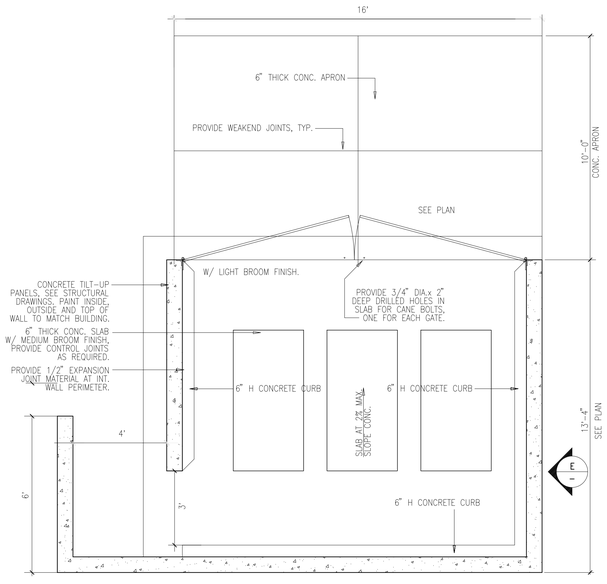
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STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: ELEVATIONS

Project Number:	22215
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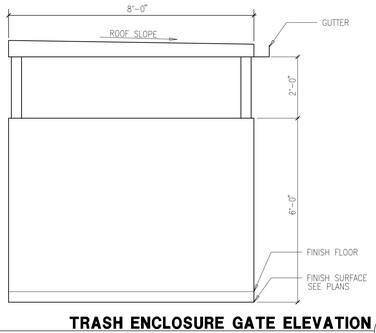
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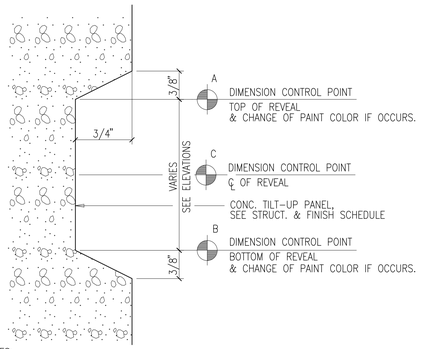


NOTES:
1. SEE SITE PLAN FOR LOCATIONS.
2. SEE STRUCTURAL DRAWINGS FOR STEEL REINFORCING.
3. SACK AND PATCH ALL PANEL LIFT POINTS ON OF WALL AND PAINT TO MATCH.

TRASH ENCLOSURE PLAN (D)
scale: N.T.S.

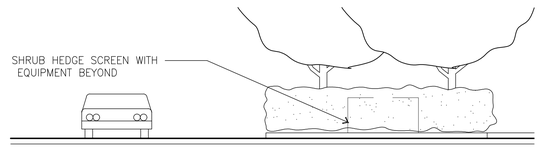


TRASH ENCLOSURE GATE ELEVATION (E)
scale: N.T.S.

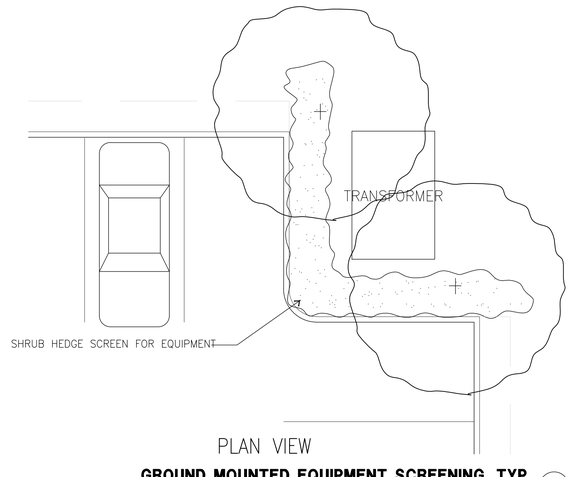


NOTES:
1. DIMENSION CONTROL POINTS AT REVEALS AND EDGE OF CONCRETE OPENINGS WHERE OCCUR, SEE WALL SECTIONS.
2. PAINT COLOR CHANGES TO ALWAYS OCCUR AT CONTROL POINT "A" OR "B"

TYP. CONCRETE REVEAL (B)
scale: N.T.S.

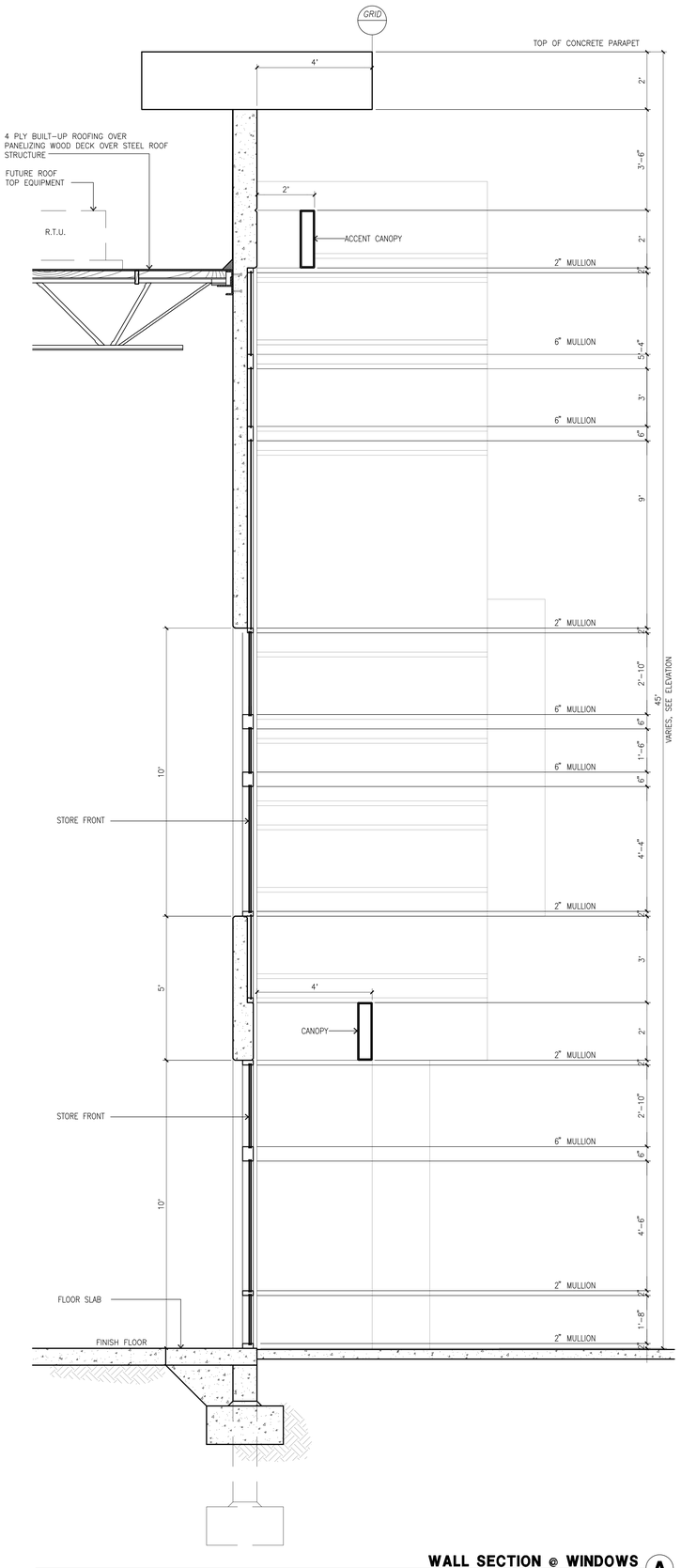


ELEVATION



PLAN VIEW

GROUND MOUNTED EQUIPMENT SCREENING, TYP. (C)
scale: N.T.S.



WALL SECTION @ WINDOWS (A)
scale: 1/2"=1'-0"

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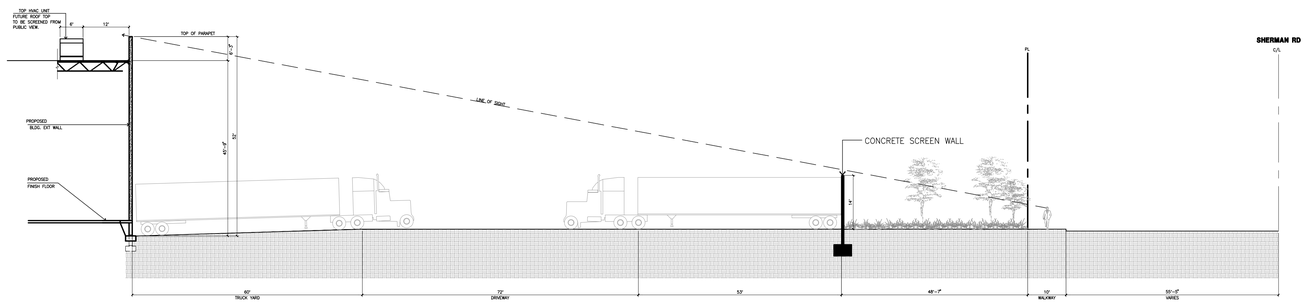
CIVIL	WEBB
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: Details

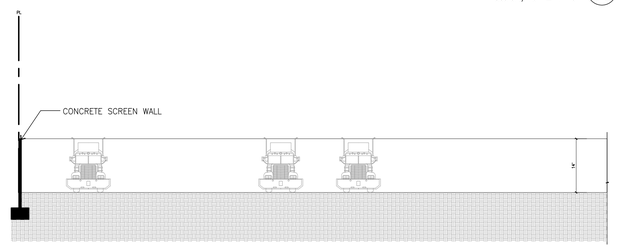
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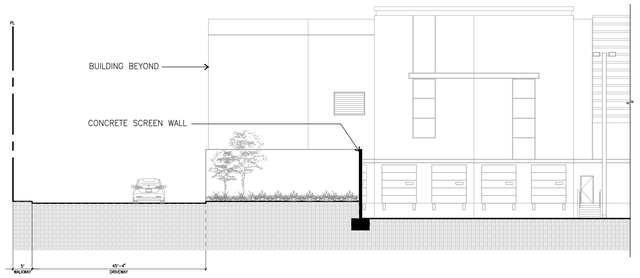
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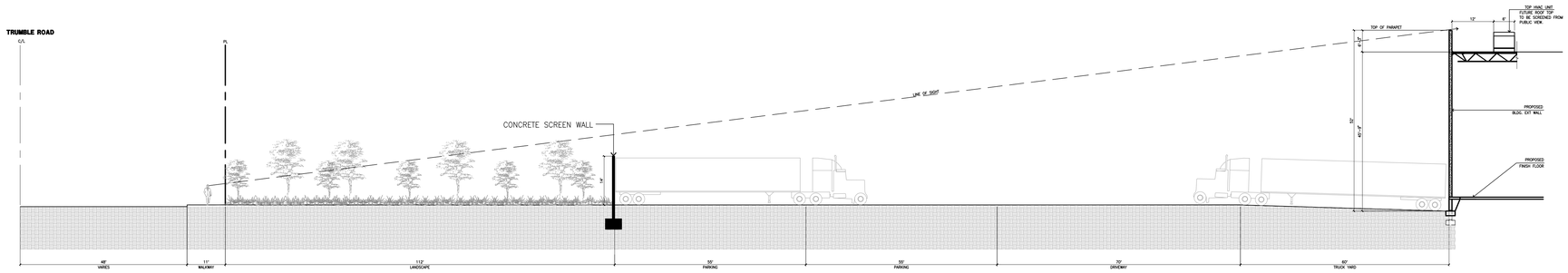
SITE SECTION (SHERMAN ROAD) A
scale:1/16" = 1'-0"



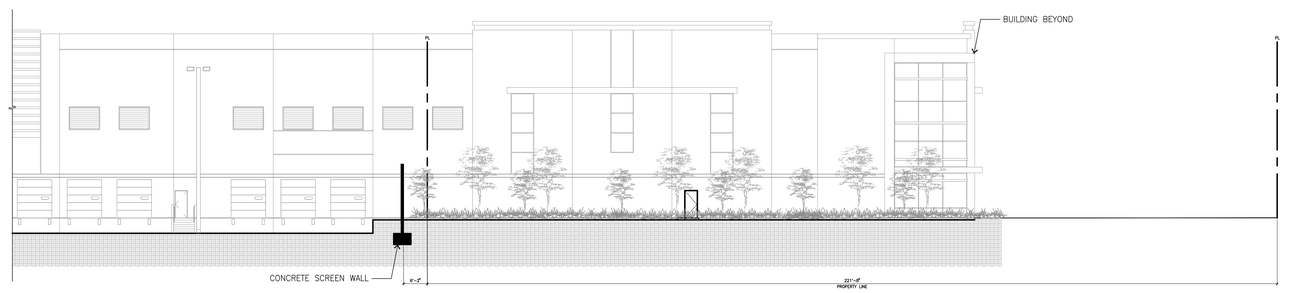
SITE SECTION B
scale:1/16" = 1'-0"



SITE SECTION C
scale:1/16" = 1'-0"



SITE SECTION (TRUMBLE ROAD) D
scale:1/16" = 1'-0"



SITE SECTION E
scale:1/16" = 1'-0"

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CIVIL	WEBB
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ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: DETAILS

Project Number:	22215
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Figure 4

Google Historical Aerial 2002
Hillwood-Ethanac
City of Perris, Riverside County, California

N

Hernandez Environmental Services



Figure 5

CDFW Jurisdiction Map
Hillwood-Ethanac
City of Perris, Riverside County, California

Legend

Project Site

Offsite Project Area

CDFW Jurisdiction (0.05 acre, 132 linear feet)

N

Hernandez Environmental Services



Figure 6

Waters of the United States
Hillwood-Ethanac
City of Perris, Riverside County, California

Legend

Project Site

Offsite Project Area

Waters of the United States (0.04 acre, 132 linear feet)

N

Hernandez Environmental Services



Figure 7

Waters of the State
Hillwood-Ethanac
City of Perris, Riverside County, California

Legend

Project Site

Offsite Project Area

Waters of the State (0.04 acre, 132 linear feet)

N

Hernandez Environmental Services

APPENDIX A



View of mulefat at the start of the manmade earthen canal on site adjacent to Trumble Road.



View of tamarisk and palo verde in manmade earthen canal.

Hernandez Environmental Services



View of box culvert at the western end of Illinois Avenue that collects runoff from I-215.



View of ditch offsite that carries run off from I-215 to box culvert.

Hernandez Environmental Services

APPENDIX B

Soil Map—Western Riverside Area, California
(ECORP Hillwood PL)



Map Scale: 1:7,620 if printed on A portrait (8.5" x 11") sheet.

N

Meters
0 100 200 400 600

Feet
0 350 700 1400 2100

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Western Riverside Area, California
Survey Area Data: Version 15, Sep 6, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 14, 2022—Mar 17, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
EnA	Exeter sandy loam, 0 to 2 percent slopes	0.7	1.7%
EnC2	Exeter sandy loam, 2 to 8 percent slopes, eroded	0.8	1.9%
GyC2	Greenfield sandy loam, 2 to 8 percent slopes, eroded	0.0	0.0%
MaA	Madera fine sandy loam, 0 to 2 percent slopes	27.3	63.4%
MmB	Monserate sandy loam, 0 to 5 percent slopes	7.7	17.9%
MnD2	Monserate sandy loam, shallow, 5 to 15 percent slopes, eroded	6.5	15.0%
RaA	Ramona sandy loam, 0 to 2 percent slopes, MLRA 19	0.0	0.1%
Totals for Area of Interest		**43.1**	**100.0%**

INITIAL STUDY - APPENDIX B

Geology and Soils

SCG-A

Geotechnical Investigation

GEOTECHNICAL INVESTIGATION
PROPOSED WAREHOUSE

NWC Ethanac Road and Sherman Road
Perris, California
for
Hillwood

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

February 23, 2022

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Hillwood
901 Via Piemonte, Suite 175
Ontario, California 91764

Attention: Mr. John Grace
Vice President, Development

Project No.: **22G107-1**

Subject: **Geotechnical Investigation**
Proposed Warehouse
NWC Ethanac Road and Sherman Road
Perris, California

Ms. Buckle/Mr. Morse:

In accordance with your request, we have conducted a geotechnical investigation at the subject site. We are pleased to present this report summarizing the conclusions and recommendations developed from our investigation.

We sincerely appreciate the opportunity to be of service on this project. We look forward to providing additional consulting services during the course of the project. If we may be of further assistance in any manner, please contact our office.

Respectfully Submitted,

SOUTHERN CALIFORNIA GEOTECHNICAL, INC.

Daniel W. Nielsen, GE 3166
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
DANIEL W. NIELSEN
No. 3166
GEOTECHNICAL
STATE OF CALIFORNIA

Robert G. Trazo, GE 2655
Principal Engineer

REGISTERED PROFESSIONAL ENGINEER
ROBERT TRAZO
No. 2655
GEOTECHNICAL
STATE OF CALIFORNIA

Distribution: (1) Addressee

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Plate 2: Boring Location Plan
Plate 3: Geologic Map
B Boring Logs
C Laboratory Test Results
D Grading Guide Specifications
E Seismic Design Parameters

1.0 EXECUTIVE SUMMARY

Presented below is a brief summary of the conclusions and recommendations of this investigation. Since this summary is not all inclusive, it should be read in complete context with the entire report.

Geotechnical Design Considerations

- The near-surface soils encountered at the boring locations consist of older alluvium which possesses high strengths and favorable consolidation/collapse characteristics.
- Granodiorite to tonalite bedrock was encountered at four (4) of the boring locations at depths of 5½ to 12± feet below the ground surface, extending to at least to the maximum depth explored of 25± feet.
- The near-surface alluvial soils possess varying strengths. These soils, in their present condition, are not considered suitable for support of the foundation loads of the new structure.
- Remedial grading is recommended in the proposed building pad area in order to provide more uniform support characteristics in the proposed foundation and floor slab areas and to help reduce the potential for differential settlements.

Site Preparation

- Remedial grading is recommended to be performed within the proposed building area in order to provide consistent support characteristics throughout the proposed building pad area and to help limit potential differential settlements to within tolerable limits. The proposed building area should be overexcavated to a depth of at least 2 feet below existing grade and to a depth of 2 feet below proposed building pad subgrade elevation, whichever is greater. Within the foundation influence zones, the overexcavation should extend to a depth of at least 2 feet below proposed foundation bearing grade. The overexcavation should extend horizontally at least 5 feet beyond the building and foundation perimeters.
- After the overexcavation has been completed, the resulting subgrade soils should be evaluated by the geotechnical engineer to identify any additional soils that should be removed. The resulting subgrade should then be scarified to a depth of 12 inches and moisture conditioned (or air dried) to 2 to 4 percent above optimum. The previously excavated soils may then be replaced as compacted structural fill. All structural fill soils should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density.
- The new pavement and flatwork subgrade soils are recommended to be scarified to a depth of 12± inches, thoroughly moisture conditioned and recompacted to at least 90 percent of the ASTM D-1557 maximum dry density.

Building Foundations

- Conventional shallow foundations, supported in newly placed compacted fill.
- 2,500 lbs/ft^2 maximum allowable soil bearing pressure.
- Reinforcement consisting of at least four (4) No. 5 rebars (2 top and 2 bottom) in strip footings, due to the presence of medium expansive soils. Additional reinforcement may be necessary for structural considerations.

Building Floor Slab

- Conventional Slab-on-Grade: minimum 6 inches thick.

- Modulus of Subgrade Reaction: k = 125 psi/in.
- Minimum slab reinforcement: No. 3 bars at 18 inches on center in both directions due to the presence of medium expansive soils. The actual floor slab reinforcement should be determined by the structural engineer, based on the imposed loading.

Pavement Design Recommendations

ASPHALT PAVEMENTS (R= 20)					
Materials	**Thickness (inches)**				
	Auto Parking (TI = 4.0)	Auto Drive Lanes (TI = 5.0)	Truck Traffic		
			(TI = 6.0)	(TI = 7.0)	(TI = 8.0)
Asphalt Concrete	3	3	3½	4	5
Aggregate Base	6	8	10	12	14
Compacted Subgrade	12	12	12	12	12

PORTLAND CEMENT CONCRETE PAVEMENTS (R=20)				
Materials	**Thickness (inches)**			
	Auto Parking & Drives (TI = 5.0)	Truck Traffic		
		(TI =6.0)	(TI =7.0)	(TI =8.0)
PCC	5	5	5½	7
Compacted Subgrade (95% minimum compaction)	12	12	12	12

2.0 SCOPE OF SERVICES

The scope of services performed for this project was in accordance with our Proposal No. 21P511, dated December 17, 2021. The scope of services included a visual site reconnaissance, subsurface exploration, field and laboratory testing, and geotechnical engineering analysis to provide criteria for preparing the design of the building foundations, building floor slab, and parking lot pavements along with site preparation recommendations and construction considerations for the proposed development. The evaluation of the environmental aspects of this site was beyond the scope of services for this geotechnical investigation.

3.0 SITE AND PROJECT DESCRIPTION

3.1 Site Conditions

The subject site is located at the northwest corner of Ethanac Road and Sherman Road in Perris, California. The site is bounded to the north by a commercial/industrial building and a vacant lot, to the west by Trumble Road, to the south by Ethanac Road, and to the east by Sherman Road. The general location of the site is illustrated on the Site Location Map, enclosed as Plate 1 in Appendix A of this report.

The site consists of several contiguous rectangular-shaped parcels which total 24± acres in size. The site is currently vacant and undeveloped. The ground surface cover generally consists of exposed soil with moderate native grass and weed growth. Concrete debris, including concrete fragments and a concrete pipe, is scattered on the ground surface in the southern portion of the site. Several small to medium sized trees are also present in the southern region of the site.

Based on our review of readily available historical aerial photographs, two (2) small structures were present in the southwestern portion of the overall site, between 1966 and 1997.

Detailed topographic information was not available at the time of this report. Based on elevations obtained from Google Earth, and visual observations made at the time of the subsurface investigation, the overall site topography is relatively flat that gently slopes downward to the northwest at a gradient of less than 1 percent.

3.2 Proposed Development

A conceptual site plan for the proposed development, identified as Scheme 7, prepared by Herdman Architecture and Design, was provided to our office by the client. Based on this plan, the subject site will be developed with a 547,520± ft² warehouse, located in the central region of the site. Dock-high doors will be constructed along a portion of the northern and southern building walls. The proposed building is expected to be surrounded by asphaltic concrete pavements in the parking and drive areas, Portland cement concrete pavements in the truck loading areas, and concrete flatwork with some landscaped areas.

Detailed structural information has not been provided. We assume that the new building will be a single-story structure of tilt-up concrete construction, typically supported on a conventional shallow foundation system with a concrete slab-on-grade floor. Based on the assumed construction, maximum column and wall loads are expected to be on the order of 100 kips and 4 to 6 kips per linear foot, respectively.

No significant amounts of below-grade construction, such as basements or crawl spaces, are expected to be included in the proposed development. Based on the assumed topography, cuts and fills of up to 4 to 7± feet are expected to be necessary to achieve the proposed site grades.

4.0 SUBSURFACE EXPLORATION

4.1 Scope of Exploration/Sampling Methods

The subsurface exploration conducted for this project consisted of eight (8) borings (identified as Boring Nos. B-1 through B-8) advanced to depths of 10 to 25± feet below the existing site grades. All of the borings were logged during drilling by a member of our staff.

The borings were advanced with hollow-stem augers, by a conventional truck-mounted drilling rig. Representative bulk and relatively undisturbed soil samples were taken during drilling. Relatively undisturbed soil samples were taken with a split barrel "California Sampler" containing a series of one inch long, 2.416± inch diameter brass rings. This sampling method is described in ASTM Test Method D-3550. Samples were also taken using a 1.4± inch inside diameter split spoon sampler, in general accordance with ASTM D-1586. Both of these samplers are driven into the ground with successive blows of a 140-pound weight falling 30 inches. The blow counts obtained during driving are recorded for further analysis. Bulk samples were collected in plastic bags to retain their original moisture content. The relatively undisturbed ring samples were placed in molded plastic sleeves that were then sealed and transported to our laboratory.

The approximate locations of the borings are indicated on the Boring Location Plan, included as Plate 2 in Appendix A of this report. The Boring Logs, which illustrate the conditions encountered at the boring locations, as well as the results of some of the laboratory testing, are included in Appendix B.

4.2 Geotechnical Conditions

Older Alluvium

Older native alluvial soils were encountered at the ground surface at all of the boring locations, extending to depths of at least 5½ to 25± feet below ground surface. The older alluvium generally consists of stiff to hard fine sandy clays, fine to coarse sandy clays and medium dense to very dense clayey fine to medium sands.

Granodiorite to Tonalite (Kdgv)

Granodiorite to Tonalite bedrock, map symbol Kdgv, was encountered beneath the older alluvium at Boring Nos. B-1, B-4, B-5, and B-6, at depths of 5½ to 12± feet below ground surface, extending to the maximum depths explored at each of these borings of 15 to 25± feet. The bedrock generally consists of medium dense to very dense gray brown, highly weathered, friable, fine- to coarse-grained granodiorite to tonalite.

Groundwater

Free water was not encountered during the drilling of any of the borings. Based on the moisture content of the recovered soil samples and the lack of free water in the borings, the static groundwater table is at a greater depth than 25± feet below existing site grades.

As part of our research, we reviewed readily available groundwater data in order to determine regional groundwater depths. The primary reference used to determine the groundwater depths in the subject site area is the California Department of Water Resources website, http://www.water.ca.gov/waterdatalibrary/. The nearest monitoring well is located approximately 1,320 feet northwest from the site. Water level readings within this monitoring well indicates a high groundwater level of 95.6 feet below the ground surface in September 1995.

4.3 Geologic Conditions

Regional geologic conditions were obtained from the Preliminary Geologic Map of the Romoland 7.5' Quadrangle, Riverside County, California, by Douglas M. Morton, published by the U.S. Geologic Survey Department of Sciences University of California Riverside. A portion of this map indicating the location of the subject site, is included as Plate 3 in Appendix A of this report. This map indicates that the site is underlain by old alluvial-fan deposits (Map Symbol Qof). Qof is described as indurated, sandy alluvial-fan deposits.

Bedrock materials were encountered beneath the older alluvial soils at Boring Nos. B-1, B-4, B-5, and B-6 at depths of 6½ to 12± feet below the existing site grades. The bedrock is weathered, friable, and fine- to coarse- grained. Based on the characteristics of these bedrock materials and the geologic mapping in the vicinity of the subject site, it is our opinion that these bedrock materials consist of Granodiorite to Tonalite, (Map Symbol Kgdv). The Granodiorite to Tonalite unit is described on this map as relatively uniform, massive hornblende biotite granodiorite grading into tonalite.

5.0 LABORATORY TESTING

The soil samples recovered from the subsurface exploration were returned to our laboratory for further testing to determine selected physical and engineering properties of the soils. The tests are briefly discussed below. It should be noted that the test results are specific to the actual samples tested, and variations could be expected at other locations and depths.

Classification

All recovered soil samples were classified using the Unified Soil Classification System (USCS), in accordance with ASTM D-2488. Field identifications were then supplemented with additional visual classifications and/or by laboratory testing. The USCS classifications are shown on the Boring Logs and are periodically referenced throughout this report.

Density and Moisture Content

The density has been determined for selected relatively undisturbed ring samples. These densities were determined in general accordance with the method presented in ASTM D-2937. The results are recorded as dry unit weight in pounds per cubic foot. The moisture contents are determined in accordance with ASTM D-2216, and are expressed as a percentage of the dry weight. These test results are presented on the Boring Logs.

Consolidation

One selected soil sample has been tested to determine its consolidation and collapse potential, in accordance with ASTM D-2435. The testing apparatus is designed to accept either natural or remolded samples in a one-inch-high ring, approximately 2.416 inches in diameter. Each sample is then loaded incrementally in a geometric progression and the resulting deflection is recorded at selected time intervals. Porous stones are in contact with the top and bottom of the sample to permit the addition or release of pore water. The samples are typically inundated with water at an intermediate load to determine their potential for collapse or heave. The results of the consolidation testing are plotted on Plate C-1 in Appendix C of this report.

Maximum Dry Density and Optimum Moisture Content

A representative bulk sample has been tested for its maximum dry density and optimum moisture content. The results have been obtained using the Modified Proctor procedure, per ASTM D-1557 and are presented on Plate C-2 in Appendix C of this report. This test is generally used to compare the in-situ densities of undisturbed field samples, and for later compaction testing. Additional testing of other soil types or soil mixes may be necessary at a later date.

Expansion Index

The expansion potential of the on-site soils was determined in general accordance with ASTM D-4829. The testing apparatus is designed to accept a 4-inch diameter, 1-in high, remolded sample. The sample is initially remolded to 50± 1 percent saturation and then loaded with a surcharge equivalent to 144 pounds per square foot. The sample is then inundated with water and allowed

to swell against the surcharge. The resultant swell or consolidation is recorded after a 24-hour period. The results of the EI testing are as follows:

Sample Identification	Expansion Index	Expansive Potential
B-6 @ 0 to 5 feet	62	Medium

Soluble Sulfates

A representative sample of the near-surface soils was submitted to a subcontracted analytical laboratory for determination of soluble sulfate content. Soluble sulfates are naturally present in soils, and if the concentration is high enough, can result in degradation of concrete which comes into contact with these soils. The results of the soluble sulfate testing are presented below, and are discussed further in a subsequent section of this report.

Sample Identification	Soluble Sulfates (%)	Sulfate Classification
B-1 @ 0 to 5 feet	0.003	Not Applicable (S0)

Corrosivity Testing

One representative bulk sample of the near-surface soils was submitted to a subcontracted corrosion engineering laboratory to identify potentially corrosive characteristics with respect to common construction materials. The corrosivity testing included a determination of the electrical resistivity, pH, and chloride and nitrate concentrations of the soils, as well as other tests. The results of some of these tests are presented below.

Sample Identification	Saturated Resistivity (ohm-cm)	pH	Chlorides (mg/kg)	Nitrates (mg/kg)
B-1 @ 0 to 5 feet	3,400	7.9	3.0	5.7

6.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the results of our review, field exploration, laboratory testing and geotechnical analysis, the proposed development is considered feasible from a geotechnical standpoint. The recommendations contained in this report should be taken into the design, construction, and grading considerations.

The recommendations are contingent upon all grading and foundation construction activities being monitored by the geotechnical engineer of record. The recommendations are provided with the assumption that an adequate program of client consultation, construction monitoring, and testing will be performed during the final design and construction phases to verify compliance with these recommendations. Maintaining Southern California Geotechnical, Inc., (SCG) as the geotechnical consultant from the beginning to the end of the project will provide continuity of services. The geotechnical engineering firm providing testing and observation services shall assume the responsibility of Geotechnical Engineer of Record.

The Grading Guide Specifications, included as Appendix D, should be considered part of this report, and should be incorporated into the project specifications. The contractor and/or owner of the development should bring to the attention of the geotechnical engineer any conditions that differ from those stated in this report, or which may be detrimental for the development.

6.1 Seismic Design Considerations

The subject site is located in an area which is subject to strong ground motions due to earthquakes. The performance of a site-specific seismic hazards analysis was beyond the scope of this investigation. However, numerous faults capable of producing significant ground motions are located near the subject site. Due to economic considerations, it is not generally considered reasonable to design a structure that is not susceptible to earthquake damage. Therefore, significant damage to structures may be unavoidable during large earthquakes. The proposed structures should, however, be designed to resist structural collapse and thereby provide reasonable protection from serious injury, catastrophic property damage and loss of life.

Faulting and Seismicity

Research of available maps indicates that the subject site is not located within an Alquist-Priolo Earthquake Fault Zone. Furthermore, SCG did not identify any evidence of faulting during the geotechnical investigation. Therefore, the possibility of significant fault rupture on the site is considered to be low.

The potential for other geologic hazards such as seismically induced settlement, lateral spreading, tsunamis, inundation, seiches, flooding, and subsidence affecting the site is considered low.

Seismic Design Parameters

The 2019 California Building Code (CBC) provides procedures for earthquake resistant structural design that include considerations for on-site soil conditions, occupancy, and the configuration of

the structure including the structural system and height. The seismic design parameters presented below are based on the soil profile and the proximity of known faults with respect to the subject site.

Based on standards in place at the time of this report, the proposed development is expected to be designed in accordance with the requirements of the 2019 edition of the California Building Code (CBC), which was adopted on January 1, 2020.

The 2019 CBC Seismic Design Parameters have been generated using the SEAOC/OSHPD Seismic Design Maps Tool, a web-based software application available at the website www.seismicmaps.org. This software application calculates seismic design parameters in accordance with several building code reference documents, including ASCE 7-16, upon which the 2019 CBC is based. The application utilizes a database of risk-targeted maximum considered earthquake (MCE_R) site accelerations at 0.01-degree intervals for each of the code documents. The tables below were created using data obtained from the application. The output generated from this program is included as Plate E-1 in Appendix E of this report. Based on this output, the following parameters may be utilized for the subject site:

2019 CBC SEISMIC DESIGN PARAMETERS

Parameter		Value
Mapped Spectral Acceleration at 0.2 sec Period	S_S	1.421
Mapped Spectral Acceleration at 1.0 sec Period	S_1	0.528
Site Class	---	C
Site Modified Spectral Acceleration at 0.2 sec Period	S_{MS}	1.705
Site Modified Spectral Acceleration at 1.0 sec Period	S_{M1}	0.777
Design Spectral Acceleration at 0.2 sec Period	S_{DS}	1.137
Design Spectral Acceleration at 1.0 sec Period	S_{D1}	0.518

Liquefaction

Liquefaction is the loss of strength in generally cohesionless, saturated soils when the pore-water pressure induced in the soil by a seismic event becomes equal to or exceeds the overburden pressure. The primary factors which influence the potential for liquefaction include groundwater table elevation, soil type and plasticity characteristics, relative density of the soil, initial confining pressure, and intensity and duration of ground shaking. The depth within which the occurrence of liquefaction may impact surface improvements is generally identified as the upper 50 feet below the existing ground surface. Liquefaction potential is greater in saturated, loose, poorly graded fine sands with a mean (d_{50}) grain size in the range of 0.075 to 0.2 mm (Seed and Idriss, 1971). Non-sensitive clayey (cohesive) soils which possess a plasticity index of at least 18 (Bray and Sancio, 2006) are generally not considered to be susceptible to liquefaction, nor are those soils which are above the historic static groundwater table.

The Riverside County GIS website indicates that the subject site is located within a zone of low liquefaction susceptibility. In addition, the subsurface conditions encountered at the boring locations are not considered to be conducive to liquefaction. These conditions consist of moderate

to high strength alluvial soils underlain by bedrock, with no evidence of a long-term groundwater table within the depths explored by the borings. Based on these considerations, liquefaction is not considered to be a design concern for this project.

6.2 Geotechnical Design Considerations

General

The proposed building area is underlain by relatively high strength older alluvial soils. The results of consolidation testing indicate that the near surface soils may be subject to minor consolidation settlement when loaded. In order to provide more uniform support characteristics below the floor slab and foundation areas, and to help limit potential differential settlements, some remedial grading is considered warranted within the proposed building pad area in order to remove the upper portion of the existing soils and replace them as compacted structural fill.

Settlement

The recommended remedial grading will remove the upper portion of the near-surface native alluvium, and replace these soils as compacted structural fill. The native soils that will remain in place below the recommended depth of overexcavation generally possess favorable consolidation characteristics and will not be subject to significant load increases from the foundations of the new structure. Provided that the recommended remedial grading is completed, the post-construction static settlements of the proposed structure is expected to be within tolerable limits.

Expansion

Laboratory testing performed on a representative sample of the near surface soils indicates that these materials possess a medium expansion potential (EI = 62). Based on the presence of expansive soils at this site, care should be given to proper moisture conditioning of all building pad subgrade soils to a moisture content of 2 to 4 percent above the ASTM D-1557 optimum during site grading. In addition to adequately moisture conditioning the subgrade soils and fill soils during grading, special care must be taken to maintaining moisture content of these soils at 2 to 4 percent above the optimum moisture content. This will require the contractor to frequently moisture condition these soils throughout the grading process, unless grading occurs during a period of relatively wet weather.

Soluble Sulfates

The results of the soluble sulfate testing indicated a sulfate concentration of approximately 0.003 percent for the selected sample of the near-surface soils. This concentration is considered to be "not applicable" (S0) with respect to the American Concrete Institute (ACI) Publication 318-14 Building Code Requirements for Structural Concrete and Commentary, Section 4.3. Therefore, specialized concrete mix designs are not considered to be necessary, with regard to sulfate protection purposes. It is, however, recommended that additional soluble sulfate testing be conducted at the completion of rough grading to verify the soluble sulfate concentrations of the soils which are present at pad grade within the building area.

Corrosion Potential

The results of laboratory testing indicate that the on-site soils possess a saturated resistivity of 3,400 ohm-cm, and a pH value of 7.9. These test results have been evaluated in accordance with guidelines published by the Ductile Iron Pipe Research Association (DIPRA). The DIPRA guidelines consist of a point system by which characteristics of the soils are used to quantify the corrosivity characteristics of the site. Resistivity and pH are two of the five factors that enter into the evaluation procedure. Redox potential, relative soil moisture content and sulfides are also included. Although sulfide testing was not part of the scope of services for this project, we have evaluated the corrosivity characteristics of the on-site soils using resistivity, pH and moisture content. Based on these factors, and utilizing the DIPRA procedure, the on-site soils are not considered to be corrosive to ductile iron pipe.

A relatively low concentration (3.0 mg/kg) of chlorides were detected in the sample submitted for corrosivity testing. In general, soils possessing chloride concentrations in excess of 500 parts per million (ppm) are considered to be corrosive with respect to steel reinforcement within reinforced concrete. Based on the lack of any significant chlorides in the tested sample, the site is considered to have a C1 chloride exposure in accordance with the American Concrete Institute (ACI) Publication 318 Building Code Requirements for Structural Concrete and Commentary. Therefore, a specialized concrete mix design for reinforced concrete for protection against chloride exposure is not considered warranted.

Nitrates present in soil can be corrosive to copper tubing at concentrations greater than 50 mg/kg. The tested sample possess a nitrate concentration of 5.7 mg/kg. Based on this test result, the on-site soils are not considered to be corrosive to copper pipe.

Since SCG does not practice in the area of corrosion engineering, we recommend that the client contact a corrosion engineer to provide a more thorough evaluation.

Shrinkage/Subsidence

Based on the results of the laboratory testing, removal and recompaction of the near-surface older native alluvium will result in an average shrinkage of 0 to 6 percent. It should be noted that the potential shrinkage estimate is based on dry density testing performed on small-diameter samples taken at the boring locations. If a more accurate and precise shrinkage estimate is desired, SCG can perform a shrinkage study involving several excavated test-pits where in-place densities are determined using in-situ testing methods instead of laboratory density testing on small-diameter samples. Please contact SCG for details and a cost estimate regarding a shrinkage study, if desired.

Minor ground subsidence is expected to occur in the soils below the zone of removal, due to settlement and machinery working. The subsidence is estimated to be 0.10 feet.

These estimates are based on previous experience and the subsurface conditions encountered at the boring locations. The actual amount of subsidence is expected to be variable and will be dependent on the type of machinery used, repetitions of use, and dynamic effects, all of which are difficult to assess precisely.

Grading and Foundation Plan Review

It is recommended that we be provided with copies of the finalized grading and foundation plans, when they become available, for review with regard to the conclusions, recommendations, and assumptions contained within this report.

6.3 Site Grading Recommendations

The grading recommendations presented below are based on the subsurface conditions encountered at the boring locations and our understanding of the proposed development. We recommend that all grading activities be completed in accordance with the Grading Guide Specifications included as Appendix D of this report, unless superseded by site-specific recommendations presented below.

Site Stripping

Initial site preparation should include stripping of any surficial vegetation. This includes the removal of the moderate native grass, weeds, and shrubs present at the site. These materials should be disposed of off-site. The actual extent of site stripping should be determined in the field by the geotechnical engineer, based on the organic content and stability of the materials encountered.

At the time of site stripping, trash and concrete debris should also should be removed from the site. Any remnants of the previous structures, if present, should be demolished. Demolition should include all subsurface remnants of the previous structures, including foundations, floor slabs, septic systems and any utilities that will not be reutilized with the proposed development. Any debris resultant from demolition should be disposed of offsite in accordance with local regulations. Any excavations associated with demolition should be backfilled with compacted fill soils.

Treatment of Existing Soils: Building Pad

Remedial grading should be performed within the proposed building pad area in order to remove the upper portion of the near-surface alluvial soils in order to provide more uniform support characteristics below the floor slab and foundation areas. The overexcavation is recommended to extend to a depth of at least 2 feet below existing grade, and to a depth of at least 2 feet below proposed grade, whichever is greater. Within the influence zones of the new foundations, the overexcavation should extend to a depth of at least 2 feet below proposed foundation bearing grade.

The overexcavation areas should extend at least 5 feet beyond the building perimeters, and to an extent equal to the depth of fill below the new foundations. If the proposed structure incorporates any exterior columns (such as for a canopy or overhang) the area of overexcavation should also encompass these areas.

Following completion of the overexcavation, the subgrade soils within the overexcavation areas should be evaluated by the geotechnical engineer to verify their suitability to serve as the structural fill subgrade, as well as to support the foundation loads of the new structure. This

evaluation should include proofrolling and probing to identify any soft, loose, or otherwise unstable soils that must be removed. Some localized areas of deeper excavation may be required if additional fill or loose, porous, or low-density native soils are encountered at the base of the overexcavation.

After a suitable overexcavation subgrade has been achieved, the exposed soils should be scarified to a depth of at least 12 inches and moisture conditioned or air dried to achieve a moisture content of 2 to 4 percent above optimum moisture content. The subgrade soils should then be recompacted to at least 90 percent of the ASTM D-1557 maximum dry density.

The building pad area may then be raised to grade with previously excavated soils or imported, very low expansive structural fill. All structural fill soils present within the proposed building area should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density.

Treatment of Existing Soils: Retaining Walls and Site Walls

The existing soils within the areas of proposed retaining and non-retaining site walls should be overexcavated to a depth of at least 2 feet below foundation bearing grade and replaced as compacted structural fill. Subgrades for erection pads for concrete tilt-up walls are considered to be a part of the foundation system and should also be overexcavated. The overexcavation subgrade soils should be evaluated by the geotechnical engineer prior to scarifying, moisture conditioning and recompacting the upper 12 inches of exposed subgrade soils. The previously excavated soils may then be replaced as compacted structural fill.

If the full lateral extent of overexcavation is not achievable for the proposed walls, the foundations should be redesigned using a lower bearing pressure. The geotechnical engineer of record should be contacted for recommendations pertaining to this type of condition.

Treatment of Existing Soils: Parking and Drive Areas

Based on economic considerations, overexcavation of the existing soils in the new parking and drive areas is not considered warranted, with the exception of areas where lower strength, or unstable soils are identified by the geotechnical engineer during grading.

Subgrade preparation in the new parking and drive areas should initially consist of removal of all soils disturbed during stripping. The geotechnical engineer should then evaluate the subgrade to identify any areas of additional unsuitable soils. The subgrade soils should then be scarified to a depth of 12± inches, moisture conditioned to 2 to 4 percent above optimum, and recompacted to at least 90 percent of the ASTM D-1557 maximum dry density. Based on the presence of variable strength soils throughout the site, it is expected that some isolated areas of additional overexcavation may be required to remove zones of lower strength, unsuitable soils.

The grading recommendations presented above for the proposed parking and drive areas assume that the owner and/or developer can tolerate minor amounts of settlement within the proposed parking areas. The grading recommendations presented above do not provide remedial grading throughout the entire parking areas. As such, settlement and associated pavement distress could occur. Typically, repair of such distressed areas involves significantly lower costs than completely mitigating these soils at the time of construction. If the owner cannot tolerate the risk of such settlements, the parking and drive areas should be overexcavated to a depth of 2 feet below

proposed pavement subgrade elevation, with the resulting soils replaced as compacted structural fill.

Fill Placement

- Fill soils should be placed in thin (6± inches), near-horizontal lifts, moisture conditioned to 2 to 4 percent above the optimum moisture content, and compacted.
- On-site soils may be used for fill provided they are cleaned of any debris to the satisfaction of the geotechnical engineer.
- All grading and fill placement activities should be completed in accordance with the requirements of the 2019 CBC and the grading code of the city of Perris.
- All fill soils should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density. Fill soils should be well mixed.
- Compaction tests should be performed periodically by the geotechnical engineer as random verification of compaction and moisture content. These tests are intended to aid the contractor. Since the tests are taken at discrete locations and depths, they may not be indicative of the entire fill and therefore should not relieve the contractor of his responsibility to meet the job specifications.

Imported Structural Fill

All imported structural fill should consist of very low to low expansive (EI < 50), well graded soils possessing at least 10 percent fines (that portion of the sample passing the No. 200 sieve). Additional specifications for structural fill are presented in the Grading Guide Specifications, included as Appendix D.

Utility Trench Backfill

In general, all utility trench backfill soils should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density. As an alternative, a clean sand (minimum Sand Equivalent of 30) may be placed within trenches and compacted in place (jetting or flooding is not recommended). Compacted trench backfill should conform to the requirements of the local grading code, and more restrictive requirements may be indicated by the city of Perris. All utility trench backfills should be witnessed by the geotechnical engineer. The trench backfill soils should be compaction tested where possible; probed and visually evaluated elsewhere.

Utility trenches which parallel a footing, and extending below a 1h:1v plane projected from the outside edge of the footing should be backfilled with structural fill soils, compacted to at least 90 percent of the ASTM D-1557 standard. Pea gravel backfill should not be used for these trenches.

6.4 Construction Considerations

Excavation Considerations

The near-surface soils generally consist of moderate to high strength sandy clays and clayey sands. These materials may be subject to minor to moderate caving within shallow excavations. Where caving does occur, flattened excavation slopes may be sufficient to provide excavation

stability. On a preliminary basis, the inclination of temporary slopes should not exceed 1½h:1v. Temporary excavations into bedrock may be laid back at a 1h:1v, at the discretion of the geotechnical engineer. Deeper excavations may require some form of external stabilization such as shoring or bracing. Maintaining adequate moisture content within the near-surface soils will improve excavation stability. All excavation activities on this site should be conducted in accordance with Cal-OSHA regulations.

Medium dense to very dense granodiorite to tonalite bedrock was encountered at Boring Nos. B-1, B-4, B-5, and B-6, at depths of 5½ to 12± feet below the existing site grades. The recovered samples of the bedrock materials generally friable, and refusal conditions were not encountered during drilling. Based on the conditions at the boring locations, we expect that the near surface bedrock materials will be rippable using conventional grading equipment.

Expansive Soils

Based on results of laboratory testing, the near-surface soils at this site possess medium expansion potentials. Due to the presence of expansive soils at this site, provisions should be made to limit the potential for surface water to penetrate the soils immediately adjacent to the structures. These provisions should include directing surface runoff into rain gutters and area drains, reducing the extent of landscaped areas around the structures, and sloping the ground surface away from the buildings. Where possible, it is recommended that landscaped planters not be located immediately adjacent to the buildings. If landscaped planters around the buildings are necessary, it is recommended that drought tolerant plants or a drip irrigation system be utilized, to minimize the potential for deep moisture penetration around the structures. Presented below is a list of additional soil moisture control recommendations that should be considered by the owner, developer, and civil engineer:

- Ponding and areas of low flow gradients in unpaved walkways, grass and planter areas should be avoided. In general, minimum drainage gradients of 2 percent should be maintained in unpaved areas.
- Bare soil within five feet of proposed structures should be sloped at a minimum five percent gradient away from the structure (about three inches of fall in five feet), or the same area could be paved with a minimum surface gradient of one percent. Pavement is preferable.
- Decorative gravel ground cover tends to provide a reservoir for surface water and may hide areas of ponding or poor drainage. Decorative gravel is, therefore, not recommended and should not be utilized for landscaping unless equipped with a subsurface drainage system designed by a licensed landscape architect.
- Positive drainage devices, such as graded swales, paved ditches, and catch basins should be installed at appropriate locations within the area of proposed development.
- Concrete walks and flatwork should not obstruct the free flow of surface water to the appropriate drainage devices.
- Area drains should be recessed below grade to allow free flow of water into the drain. Concrete or brick flatwork joints should be sealed with mortar or flexible mastic.
- Gutter and downspout systems should be installed to capture all discharge from roof areas. Downspouts should discharge directly into a pipe or paved surface system to be conveyed offsite.
- Enclosed planters adjoining, or in close proximity to proposed structures, should be sealed at the bottom and provided with subsurface collection systems and outlet pipes.
- Depressed planters should be raised with soil to promote runoff (minimum drainage gradient two percent or five percent, see above), and/or equipped with area drains to eliminate ponding.

- Drainage outfall locations should be selected to avoid erosion of slopes and/or properly armored to prevent erosion of graded surfaces. No drainage should be directed over or towards adjoining slopes.
- All drainage devices should be maintained on a regular basis, including frequent observations during the rainy season to keep the drains free of leaves, soil and other debris.
- Landscape irrigation should conform to the recommendations of the landscape architect and should be performed judiciously to preclude either soaking or excessive drying of the foundation soils. This should entail regular watering during the drier portions of the year and little or no irrigation during the rainy season. Automatic sprinkler systems should, therefore, be switched to manual operation during the rainy season. Good irrigation practice typically requires frequent application of limited quantities of water that are sufficient to sustain plant growth, but do not excessively wet the soils. Ponding and/or run-off of irrigation water are indications of excessive watering.

Other provisions, as determined by the landscape architect or civil engineer, may also be appropriate.

Moisture Sensitive Subgrade Soils

Most of the near surface soils possess appreciable silt and clay content and may become unstable if exposed to significant moisture infiltration or disturbance by construction traffic. In addition, based on their granular content, some of the on-site soils will also be susceptible to erosion. The site should, therefore, be graded to prevent ponding of surface water and to prevent water from running into excavations.

Groundwater

The static groundwater table is considered to exist at a depth greater than 25± feet below the existing site grades. Therefore, groundwater is not expected to impact the grading or foundation construction activities.

6.5 Foundation Design and Construction

Based on the preceding grading recommendations, it is assumed that the new building pad will be underlain by newly placed structural fill soils extending to a depth of at least 2 feet below foundation bearing grade. Based on this subsurface profile, the proposed structure may be supported on shallow foundations.

Foundation Design Parameters

New square and rectangular footings may be designed as follows:

- Maximum, net allowable soil bearing pressure: 2,500 lbs/ft^2.
- Minimum wall/column footing width: 14 inches/24 inches.
- Minimum longitudinal steel reinforcement within strip footings: Four (4) No. 5 rebars (2 top and 2 bottom). Due to the presence of expansive soils. Additional reinforcement may be necessary for structural considerations.

- Minimum foundation embedment: 12 inches into suitable structural fill soils, and at least 18 inches below adjacent exterior grade. Interior column footings may be placed immediately beneath the floor slab.

- It is recommended that the perimeter building foundations be continuous across all exterior doorways. Any flatwork adjacent to the exterior doors should be doweled into the perimeter foundations in a manner determined by the structural engineer.

The allowable bearing pressures presented above may be increased by 1/3 when considering short duration wind or seismic loads. The minimum steel reinforcement recommended above is based on standard geotechnical practice. Additional rigidity may be necessary for structural considerations. The actual design of the foundations should be determined by the structural engineer.

Foundation Construction

The foundation subgrade soils should be evaluated at the time of overexcavation, as discussed in Section 6.3 of this report. It is further recommended that the foundation subgrade soils be evaluated by the geotechnical engineer immediately prior to steel or concrete placement. Soils suitable for direct foundation support should consist of newly placed structural fill compacted at least 90 percent of the ASTM D-1557 maximum dry density. Any unsuitable materials should be removed to a depth of suitable bearing compacted structural fill, with the resulting excavations backfilled with compacted fill soils. As an alternative, lean concrete slurry (500 to 1,500 psi) may be used to backfill such isolated overexcavations.

The foundation subgrade soils should also be properly moisture conditioned to 2 to 4 percent above the Modified Proctor optimum, to a depth of at least 12 inches below bearing grade. Since it is typically not feasible to increase the moisture content of the floor slab and foundation subgrade soils once rough grading has been completed, care should be taken to maintain the moisture content of the building pad subgrade soils throughout the construction process.

Estimated Foundation Settlements

Post-construction total and differential static settlements of shallow foundations designed and constructed in accordance with the previously presented recommendations are estimated to be less than 1.0 and 0.5 inches, respectively, under static conditions. Differential movements are expected to occur over a 50-foot span, thereby resulting in an angular distortion of less than 0.002 inches per inch.

Lateral Load Resistance

Lateral load resistance will be developed by a combination of friction acting at the base of foundations and slab and the passive earth pressure developed by footings below grade. The following friction and passive pressure may be used to resist lateral forces:

- Passive Earth Pressure: 250 lbs/ft^3
- Friction Coefficient: 0.28

These are allowable values, and include a factor of safety. When combining friction and passive resistance, the passive pressure component should be reduced by one-third. These values assume that footings will be poured directly against compacted structural fill soils. The maximum allowable passive pressure is 3,000 lbs/ft^2.

6.6 Floor Slab Design and Construction

Subgrades which will support new floor slab should be prepared in accordance with the recommendations contained in the ***Site Grading Recommendations*** section of this report. Based on the anticipated grading which will occur at this site, the floor of the proposed structure may be constructed as a conventional slab-on-grade, supported on newly placed structural fill (or densified existing soils), extending to a depth of at least 2 feet below finished pad grade. Based on geotechnical considerations, the floor slabs may be designed as follows:

- Minimum slab thickness: 6 inches.

- Modulus of Subgrade Reaction: 100 psi/in.

- Minimum slab reinforcement: No. 3 bars at 18 inches on center in both directions due to the presence of low expansive soils. The actual floor slab reinforcement should be determined by the structural engineer, based on the imposed loading.

- Slab underlayment: If moisture sensitive floor coverings will be used then minimum slab underlayment should consist of a moisture vapor barrier constructed below the entire slab area where such moisture sensitive floor coverings are expected. The moisture vapor barrier should meet or exceed the Class A rating as defined by ASTM E 1745-97 and have a permeance rating less than 0.01 perms as described in ASTM E 96-95 and ASTM E 154-88. A polyolefin material such as a 15-mil Stego® Wrap Vapor Barrier or equivalent will meet these specifications. The moisture vapor barrier should be properly constructed in accordance with all applicable manufacturer specifications. Given that a rock free subgrade is anticipated and that a capillary break is not required, sand below the barrier is not required. The need for sand and/or the amount of sand above the moisture vapor barrier should be specified by the structural engineer or concrete contractor. The selection of sand above the barrier is not a geotechnical engineering issue and hence outside our purview. Where moisture sensitive floor coverings are not anticipated, the vapor barrier may be eliminated.

- Moisture condition the floor slab subgrade soils to 2 to 4 percent above the Modified Proctor optimum moisture content, to a depth of 12 inches. The moisture content of the floor slab subgrade soils should be verified by the geotechnical engineer within 24 hours prior to concrete placement.

- Proper concrete curing techniques should be utilized to reduce the potential for slab curling or the formation of excessive shrinkage cracks.

The actual design of the floor slab should be completed by the structural engineer to verify adequate thickness and reinforcement.

6.7 Retaining Wall Design and Construction

Although not indicated on the site plan, some small (less than 6 feet in height) retaining walls may be required in truck court area and to facilitate the new site grades. The parameters recommended for use in the design of these walls are presented below.

Retaining Wall Design Parameters

Based on the soil conditions encountered at the boring locations, the following parameters may be used in the design of new retaining walls for this site. The near surface soils generally consist of sandy clays and have been determined to possess a medium expansion potential. We do not recommend that the on-site soils be used to backfill retaining walls, based on their expansion potential. The following parameters assume that imported fill soils, consisting of very low expansive sands or silty sands will be utilized for retaining wall backfill. These materials are expected to possess a friction angle of at least 30 degrees when compacted to at least 90 percent of the ASTM D-1557 maximum dry density.

If desired, SCG could provide design parameters for an alternative select backfill material behind the retaining walls. The use of select backfill material could result in lower lateral earth pressures. In order to use the design parameters for the imported select fill, this material must be placed within the entire active failure wedge. This wedge is defined as extending from the heel of the retaining wall upwards at an angle of approximately 60° from horizontal. If select backfill material behind the retaining wall is desired, SCG should be contacted for supplementary recommendations.

RETAINING WALL DESIGN PARAMETERS

Design Parameter		**Soil Type**
		Imported Silty Sands and Sands
Internal Friction Angle (ϕ)		30°
Unit Weight		130 lbs/ft^3
Equivalent Fluid Pressure:	Active Condition (level backfill)	43 lbs/ft^3
	Active Condition (2h:1v backfill)	70 lbs/ft^3
	At-Rest Condition (level backfill)	65 lbs/ft^3

Regardless of the backfill type, the walls should be designed using a soil-footing coefficient of friction of 0.28 and an equivalent passive pressure of 250 lbs/ft^3. The structural engineer should incorporate appropriate factors of safety in the design of the retaining walls.

The active earth pressure may be used for the design of retaining walls that do not directly support structures or support soils that in turn support structures and which will be allowed to deflect. The at-rest earth pressure should be used for walls that will not be allowed to deflect

such as those which will support foundation bearing soils, or which will support foundation loads directly.

Where the soils on the toe side of the retaining wall are not covered by a "hard" surface such as a structure or pavement, the upper 1 foot of soil should be neglected when calculating passive resistance due to the potential for the material to become disturbed or degraded during the life of the structure.

Seismic Lateral Earth Pressures

In accordance with the 2019 CBC, any retaining walls more than 6 feet in height must be designed for seismic lateral earth pressures. If walls 6 feet or more are required for this site, the geotechnical engineer should be contacted for supplementary seismic lateral earth pressure recommendations.

Retaining Wall Foundation Design

The retaining wall foundations should be supported within newly placed compacted structural fill, extending to a depth of at least 2 feet below proposed foundation bearing grade. Foundations to support new retaining walls should be designed in accordance with the general Foundation Design Parameters presented in a previous section of this report.

Backfill Material

On-site soils may be used to backfill the retaining walls. However, all backfill material placed within 3 feet of the back-wall face should have a particle size no greater than 3 inches. The retaining wall backfill materials should be well graded.

It is recommended that a properly installed prefabricated drainage composite such as the MiraDRAIN 6000XL (or approved equivalent), which is specifically designed for use behind retaining walls be used. If the drainage composite material is not covered by an impermeable surface, such as a structure or pavement, a 12-inch thick layer of a low permeability soil should be placed over the backfill to reduce surface water migration to the underlying soils. The drainage composite should be separated from the backfill soils by a suitable geotextile, approved by the geotechnical engineer.

All retaining wall backfill should be placed and compacted under engineering-controlled conditions in the necessary layer thicknesses to ensure an in-place density between 90 and 93 percent of the maximum dry density as determined by the Modified Proctor test (ASTM D1557). Care should be taken to avoid over-compaction of the soils behind the retaining walls, and the use of heavy compaction equipment should be avoided.

Subsurface Drainage

As previously indicated, the retaining wall design parameters are based upon drained backfill conditions. Consequently, some form of permanent drainage system will be necessary in conjunction with the appropriate backfill material. Subsurface drainage may consist of either:

- A weep hole drainage system typically consisting of a series of 2-inch diameter holes in the wall situated slightly above the ground surface elevation on the exposed side of the wall and at an approximate 10-foot on-center spacing. Alternatively, 4-inch diameter holes at an approximate 20-foot on-center spacing can be used for this type of drainage system. In addition, the weep holes should include a 2 cubic foot pocket of open graded gravel, surrounded by an approved geotextile fabric, at each weep hole location.

- A 4-inch diameter perforated pipe surrounded by 2 cubic feet of gravel per linear foot of drain placed behind the wall, above the retaining wall footing. The gravel layer should be wrapped in a suitable geotextile fabric to reduce the potential for migration of fines. The footing drain should be extended to daylight or tied into a storm drainage system. The actual design of this type of system should be determined by the civil engineer to verify that the drainage system possesses the adequate capacity and slope for its intended use.

6.8 Pavement Design Parameters

Site preparation in the pavement area should be completed as previously recommended in the ***Site Grading Recommendations*** section of this report. The subsequent pavement recommendations assume proper drainage and construction monitoring, and are based on either PCA or CALTRANS design parameters for a twenty (20) year design period. However, these designs also assume a routine pavement maintenance program to obtain the anticipated 20-year pavement service life.

Pavement Subgrades

It is anticipated that the new pavements will be primarily supported on a layer of compacted structural fill, consisting of scarified, thoroughly moisture conditioned and recompacted existing soils. The near-surface soils generally consist of fine sandy clays, fine to coarse sandy clays, and clayey sands. These soils are generally considered to possess poor to fair pavement support characteristics with estimated R-values ranging from 20 to 30. The subsequent pavement design is therefore based upon an assumed R-value of 20. Any fill material imported to the site should have support characteristics equal to or greater than that of the on-site soils and be placed and compacted under engineering-controlled conditions. It is recommended that R-value testing be performed at the completion of rough grading. Depending upon the results of the R-value testing, it may be feasible to use thinner pavement sections in some areas of the site.

Asphaltic Concrete

Presented below are the recommended thicknesses for new flexible pavement structures consisting of asphaltic concrete over a granular base. The pavement designs are based on the traffic indices (TI's) indicated. The client and/or civil engineer should verify that these TI's are representative of the anticipated traffic volumes. If the client and/or civil engineer determine that the expected traffic volume will exceed the applicable traffic index, we should be contacted for supplementary recommendations. The design traffic indices equate to the following approximate daily traffic volumes over a 20-year design life, assuming six operational traffic days per week.

Traffic Index	No. of Heavy Trucks per Day
4.0	0
5.0	1
6.0	3
7.0	11
8.0	35

For the purpose of the traffic volumes indicated above, a truck is defined as a 5-axle tractor trailer unit with one 8-kip axle and two 32-kip tandem axles. All of the traffic indices allow for 1,000 automobiles per day.

ASPHALT PAVEMENTS (R= 20)					
Materials	**Thickness (inches)**				
	Auto Parking (TI = 4.0)	Auto Drive Lanes (TI = 5.0)	Truck Traffic		
			(TI = 6.0)	(TI = 7.0)	(TI = 8.0)
Asphalt Concrete	3	3	3½	4	5
Aggregate Base	6	8	10	12	14
Compacted Subgrade	12	12	12	12	12

The aggregate base course should be compacted to at least 95 percent of the ASTM D-1557 maximum dry density. The asphaltic concrete should be compacted to at least 95 percent of the batch plant-reported maximum density. The aggregate base course may consist of crushed aggregate base (CAB) or crushed miscellaneous base (CMB), which is a recycled gravel, asphalt and concrete material. The gradation, R-Value, Sand Equivalent, and Percentage Wear of the CAB or CMB should comply with appropriate specifications contained in the current edition of the "Greenbook" Standard Specifications for Public Works Construction.

Portland Cement Concrete

The preparation of the subgrade soils within concrete pavement areas should be performed as previously described for proposed asphalt pavement areas. The minimum recommended thicknesses for the Portland Cement Concrete pavement sections are as follows:

PORTLAND CEMENT CONCRETE PAVEMENTS (R=20)				
Materials	**Thickness (inches)**			
	Auto Parking & Drives (TI = 5.0)	Truck Traffic		
		(TI =6.0)	(TI =7.0)	(TI =8.0)
PCC	5	5	5½	7
Compacted Subgrade (95% minimum compaction)	12	12	12	12

The concrete should have a 28-day compressive strength of at least 3,000 psi. The maximum joint spacing within all of the PCC pavements is recommended to be equal to or less than 30 times the pavement thickness. The actual joint spacing and reinforcing of the Portland cement concrete pavements.

7.0 GENERAL COMMENTS

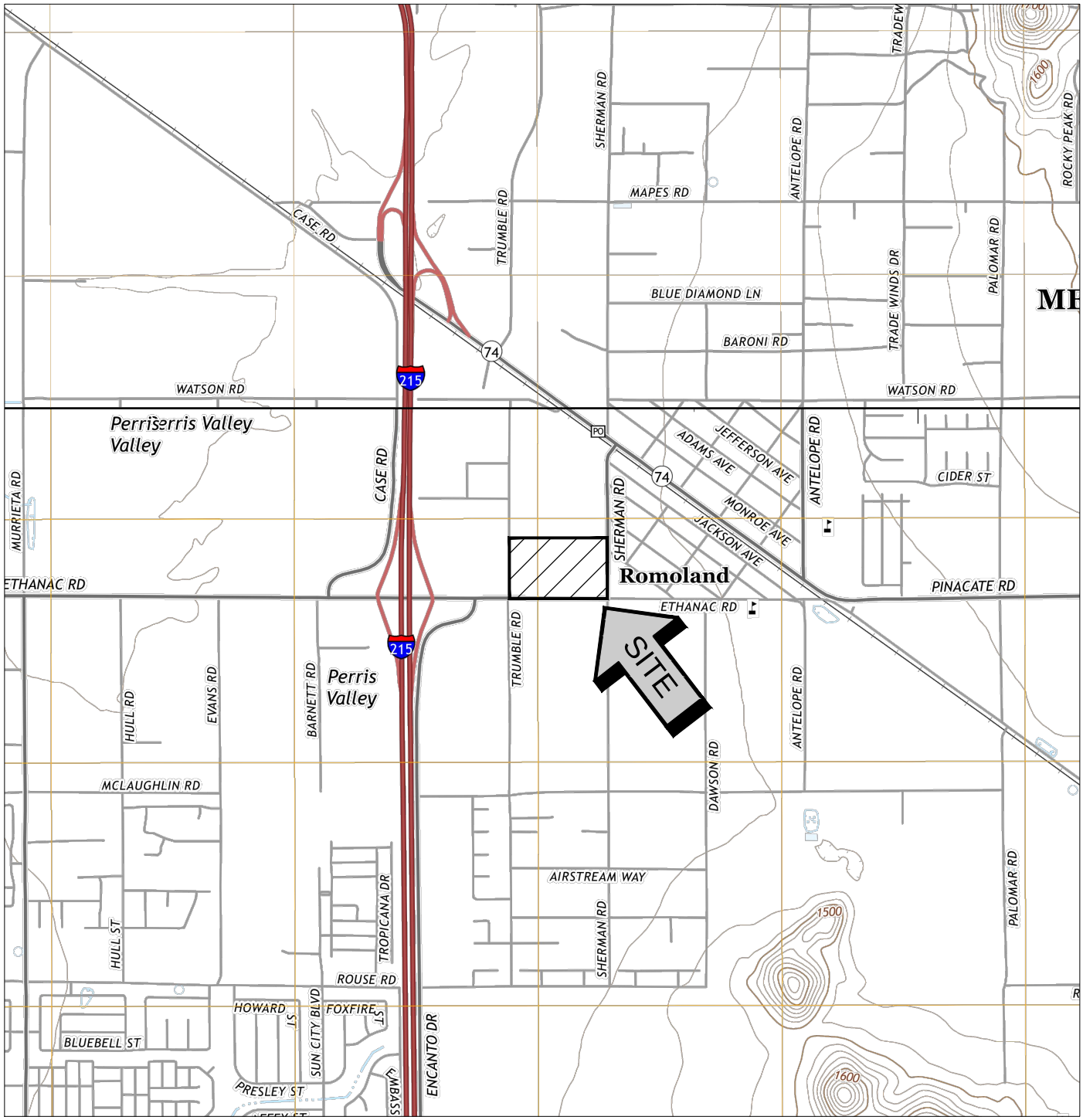
This report has been prepared as an instrument of service for use by the client, in order to aid in the evaluation of this property and to assist the architects and engineers in the design and preparation of the project plans and specifications. This report may be provided to the contractor(s) and other design consultants to disclose information relative to the project. However, this report is not intended to be utilized as a specification in and of itself, without appropriate interpretation by the project architect, civil engineer, and/or structural engineer. The reproduction and distribution of this report must be authorized by the client and Southern California Geotechnical, Inc. Furthermore, any reliance on this report by an unauthorized third party is at such party's sole risk, and we accept no responsibility for damage or loss which may occur. The client(s)' reliance upon this report is subject to the Engineering Services Agreement, incorporated into our proposal for this project.

The analysis of this site was based on a subsurface profile interpolated from limited discrete soil samples. While the materials encountered in the project area are considered to be representative of the total area, some variations should be expected between boring locations and sample depths. If the conditions encountered during construction vary significantly from those detailed herein, we should be contacted immediately to determine if the conditions alter the recommendations contained herein.

This report has been based on assumed or provided characteristics of the proposed development. It is recommended that the owner, client, architect, structural engineer, and civil engineer carefully review these assumptions to ensure that they are consistent with the characteristics of the proposed development. If discrepancies exist, they should be brought to our attention to verify that they do not affect the conclusions and recommendations contained herein. We also recommend that the project plans and specifications be submitted to our office for review to verify that our recommendations have been correctly interpreted.

The analysis, conclusions, and recommendations contained within this report have been promulgated in accordance with generally accepted professional geotechnical engineering practice. No other warranty is implied or expressed.

APPENDIX A



SOURCE: USGS TOPOGRAPHIC MAP OF THE ROMOLAND & PERRIS QUADRANGLES, RIVERSIDE COUNTY, CALIFORNIA, 2018.

SITE LOCATION MAP

PROPOSED WAREHOUSE

PERRIS, CALIFORNIA

SCALE: 1" = 2000'	
DRAWN: MD CHKD: DN	
SCG PROJECT 22G107-1	
PLATE 1	

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL



GEOTECHNICAL LEGEND

APPROXIMATE BORING LOCATION

NORTH

NOTE: CONCEPTUAL SITE PLAN (SCHEME 7) PREPARED BY HERDMAN ARCHITECTURE + DESIGN.
AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH (2018)

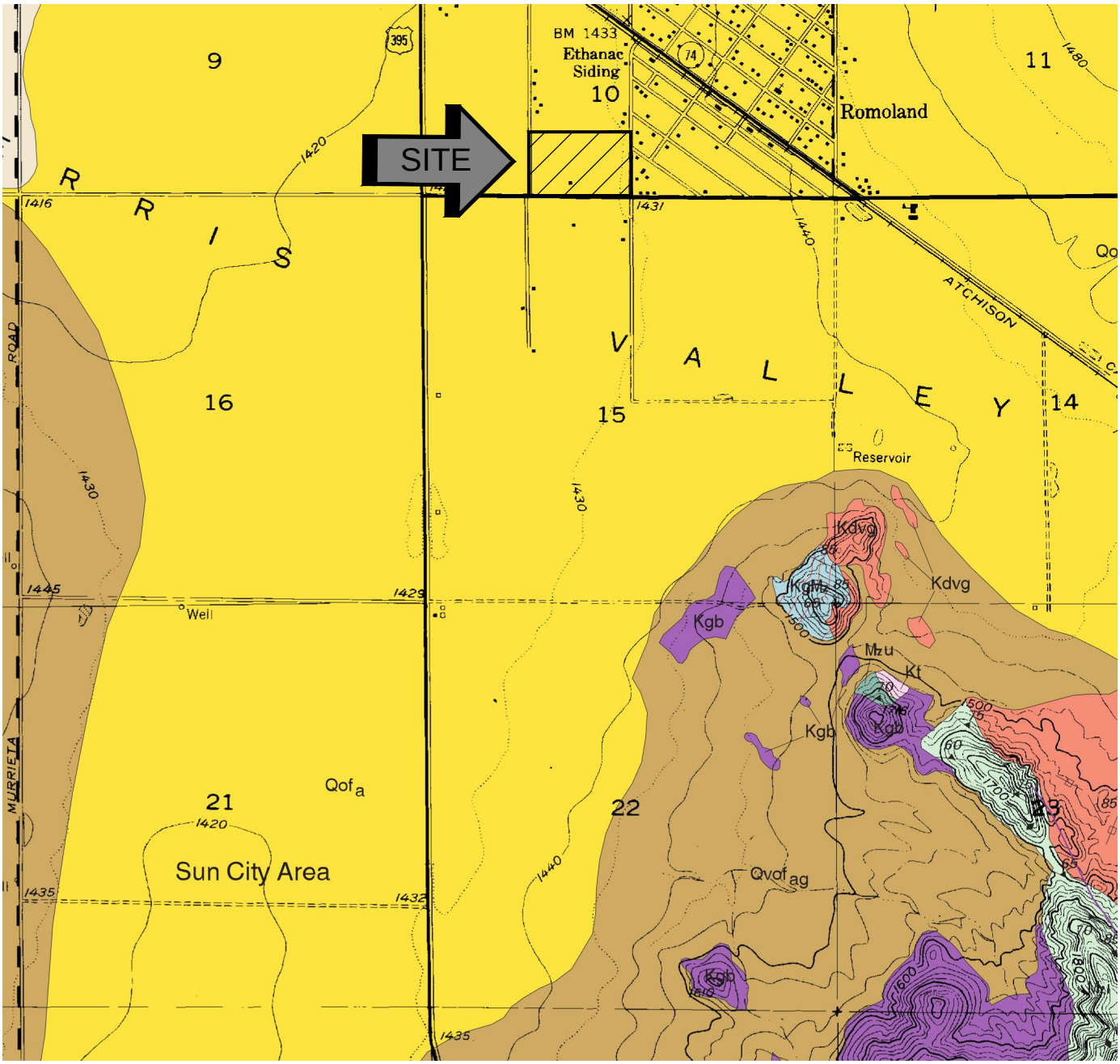
BORING LOCATION PLAN

PROPOSED WAREHOUSE

PERRIS, CALIFORNIA

SCALE: 1" = 100'	
DRAWN: OS CHKD: RGT	
SCG PROJECT 22G107-1	
PLATE 2	

SOUTHERN CALIFORNIA GEOTECHNICAL



DESCRIPTION OF MAP UNITS

Qof — **Old alluvial fan deposits (late to middle Pleistocene)**—Reddish brown, gravel and sand alluvial fan deposits; indurated, commonly slightly dissected. In places includes thin alluvial fan deposits of Holocene age

Kdvg — **Granodiorite to tonalite**—Relatively uniform, massive hornblende biotite granodiorite grading into tonalite. Principal rock type of Domenigoni Valley pluton. Contains some mafic rich rocks in southern part of pluton. Common accessory minerals are zircon, sphene, apatite, and magnetite-ilmenite.

SOURCE: "GEOLOGIC MAP OF THE ROMOLAND 7.5' QUADRANGLE, RIVERSIDE COUNTY, CALIFORNIA" BY D. M. MORTON.

GEOLOGIC MAP

PROPOSED WAREHOUSE

PERRIS, CALIFORNIA

SCALE: 1" = 2000'

DRAWN: JAH
CHKD: DN

SCG PROJECT
22G107-1

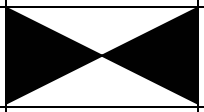
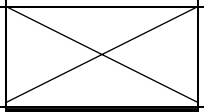
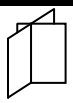
PLATE 3

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL

APPENDIX B

BORING LOG LEGEND

SAMPLE TYPE	GRAPHICAL SYMBOL	SAMPLE DESCRIPTION
AUGER		SAMPLE COLLECTED FROM AUGER CUTTINGS, NO FIELD MEASUREMENT OF SOIL STRENGTH. (DISTURBED)
CORE		ROCK CORE SAMPLE: TYPICALLY TAKEN WITH A DIAMOND-TIPPED CORE BARREL. TYPICALLY USED ONLY IN HIGHLY CONSOLIDATED BEDROCK.
GRAB		SOIL SAMPLE TAKEN WITH NO SPECIALIZED EQUIPMENT, SUCH AS FROM A STOCKPILE OR THE GROUND SURFACE. (DISTURBED)
CS		CALIFORNIA SAMPLER: 2-1/2 INCH I.D. SPLIT BARREL SAMPLER, LINED WITH 1-INCH HIGH BRASS RINGS. DRIVEN WITH SPT HAMMER. (RELATIVELY UNDISTURBED)
NSR		NO RECOVERY: THE SAMPLING ATTEMPT DID NOT RESULT IN RECOVERY OF ANY SIGNIFICANT SOIL OR ROCK MATERIAL.
SPT		STANDARD PENETRATION TEST: SAMPLER IS A 1.4 INCH INSIDE DIAMETER SPLIT BARREL, DRIVEN 18 INCHES WITH THE SPT HAMMER. (DISTURBED)
SH		SHELBY TUBE: TAKEN WITH A THIN WALL SAMPLE TUBE, PUSHED INTO THE SOIL AND THEN EXTRACTED. (UNDISTURBED)
VANE		VANE SHEAR TEST: SOIL STRENGTH OBTAINED USING A 4 BLADED SHEAR DEVICE. TYPICALLY USED IN SOFT CLAYS-NO SAMPLE RECOVERED.

COLUMN DESCRIPTIONS

DEPTH: Distance in feet below the ground surface.

SAMPLE: Sample Type as depicted above.

BLOW COUNT: Number of blows required to advance the sampler 12 inches using a 140 lb hammer with a 30-inch drop. 50/3" indicates penetration refusal (>50 blows) at 3 inches. WH indicates that the weight of the hammer was sufficient to push the sampler 6 inches or more.

POCKET PEN.: Approximate shear strength of a cohesive soil sample as measured by pocket penetrometer.

GRAPHIC LOG: Graphic Soil Symbol as depicted on the following page.

DRY DENSITY: Dry density of an undisturbed or relatively undisturbed sample in lbs/ft^3.

MOISTURE CONTENT: Moisture content of a soil sample, expressed as a percentage of the dry weight.

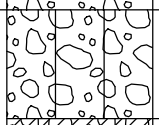
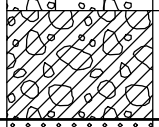
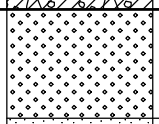
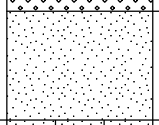
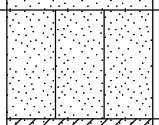
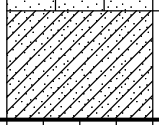
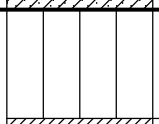
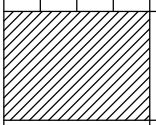
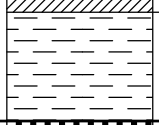
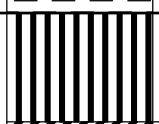
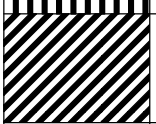
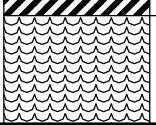
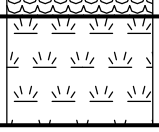
LIQUID LIMIT: The moisture content above which a soil behaves as a liquid.

PLASTIC LIMIT: The moisture content above which a soil behaves as a plastic.

PASSING #200 SIEVE: The percentage of the sample finer than the #200 standard sieve.

UNCONFINED SHEAR: The shear strength of a cohesive soil sample, as measured in the unconfined state.

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-1

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 11 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		47	4.5		OLDER ALLUVIUM: Red Brown fine to coarse Sandy Clay, trace Silt, hard-moist	123	10					
		50/5"				116	11					
5		77/11"	4.5		Red Brown fine Sandy Clay, trace Silt, hard-damp to moist	124	8					
		82	4.5			125	9					
		80/10"			@ 8½ feet, trace medium to coarse Sand	116	8					
10												
		59			GRANODIORITE TO TONALITE (Kdvg): Light Gray Clayey fine- to coarse-grained granodiorite to tonalite, friable, highly weathered, dense to very dense-moist		10					
15												
		53					7					
20												
		46					8					
25					Boring Terminated at 25'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG **PLATE B-1**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-2

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 5 feet
READING TAKEN: At Completion

FIELD RESULTS					DESCRIPTION	LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		68	4.0		OLDER ALLUVIUM: Light Brown fine to coarse Sandy Clay, trace Silt, hard-damp		8					
		82/11"					8					
5		80/11"	3.5		Light Brown to Brown fine Sandy Clay, very stiff to hard-moist to very moist		11					
		24	2.5				23					
10					Light Brown Clayey fine to coarse Sand to fine to coarse Sandy Clay, trace Silt, medium dense to very stiff-damp to moist to very moist		6					
		14					15					
15												
					Light Brown to Brown fine to coarse Sand, trace Silt, medium dense-damp							
		16					6					
20					Boring Terminated at 20'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG **PLATE B-2**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-3

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 7 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		70/9"	4.5		OLDER ALLUVIUM: Dark Brown fine to coarse Sandy Clay, trace Silt, hard-damp to moist		8					
		50/4"					6					
5		42	4.5				11					
		43			Brown Clayey fine to coarse Sand, dense-damp		5					
10												
		40					6					
15					Boring Terminated at 20'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG **PLATE B-3**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-4

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 6 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		36	4.5		OLDER ALLUVIUM: Dark Red Brown fine to medium Sandy Clay, trace Silt, very stiff to hard-moist to very moist	126	9					
		57	4.5			120	15					
5		72/10"	4.5			131	10					
		43			GRANODIORITE TO TONALITE (Kdvg): Light Gray Brown Clayey fine- to coarse-grained granodiorite to tonalite, friable, highly weathered, medium dense to dense-moist	122	9					
		49				121	8					
10												
		26					7					
15					Boring Terminated at 15'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG

PLATE B-4

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-5

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 6 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		42	4.5		OLDER ALLUVIUM: Red Brown fine to medium Sandy Clay, trace Silt, hard-moist		10					
		73	3.0				10					
5		31			GRANODIORITE TO TONALITE (Kdvg): Light Gray Brown Clayey fine- to coarse-grained granodiorite to tonalite, friable, highly weathered, medium dense to dense-moist		9					
		39					9					
10												
		18					12					
15												
		41					8					
20					Boring Terminated at 15'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG **PLATE B-5**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-6

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 6 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		70/11"	4.5		OLDER ALLUVIUM: Dark Red Brown fine to medium Sandy Clay, trace Silt, hard-moist	114	14					EI = 62 @ 0 to 5'
		77/11"	4.5			113	13					
5		58	4.5			123	10					
		64	4.5			130	10					
		45	4.5			128	11					
10												
		82/11"			GRANODIORITE TO TONALITE (Kdvg): Light Gray Brown Clayey fine- to coarse-grained granodiorite to tonalite, friable, highly weathered, very dense-moist		10					
15												
		55					10					
20												
		55					9					
25					Boring Terminated at 25'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG

PLATE B-6

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-7

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 4 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		80	4.5		OLDER ALLUVIUM: Light Brown fine Sandy Clay, trace medium Sand, trace Silt, hard-damp to moist		10					
		60					7					
5		80	4.5				9					
		50/5"	2.0		@ 8½ feet, stiff to very stiff		9					
10					Boring Terminated at 10'							

TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG

PLATE B-7

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-8

JOB NO.: 22G107-1
PROJECT: Proposed Warehouse
LOCATION: Perris, California

DRILLING DATE: 1/21/22
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Oscar Sandoval

WATER DEPTH: Dry
CAVE DEPTH: 8 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
		85	4.5		OLDER ALLUVIUM: Dark Brown fine to medium Sandy Clay, trace Silt, trace coarse Sand, hard-moist		10					
		65/11"					9					
5		50/5"	4.5				9					
		87/10"					12					
10					Boring Terminated at 10'							

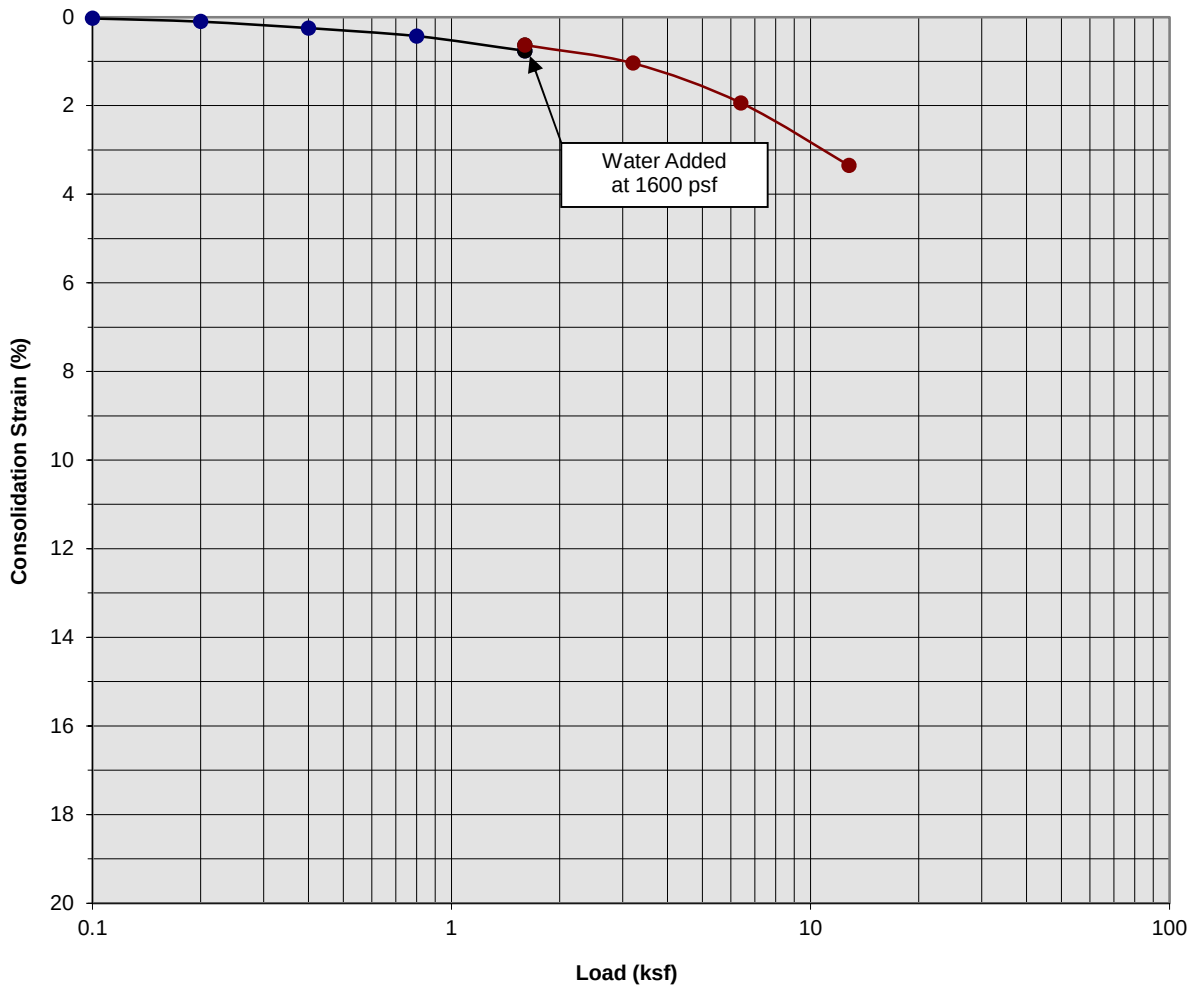
TBL 22G107-1.GPJ SOCALGEO.GDT 2/23/22

TEST BORING LOG

PLATE B-8

APPENDIX C

Consolidation/Collapse Test Results



Classification: Dark Red Brown fine to medium Sandy Clay, trace Silt

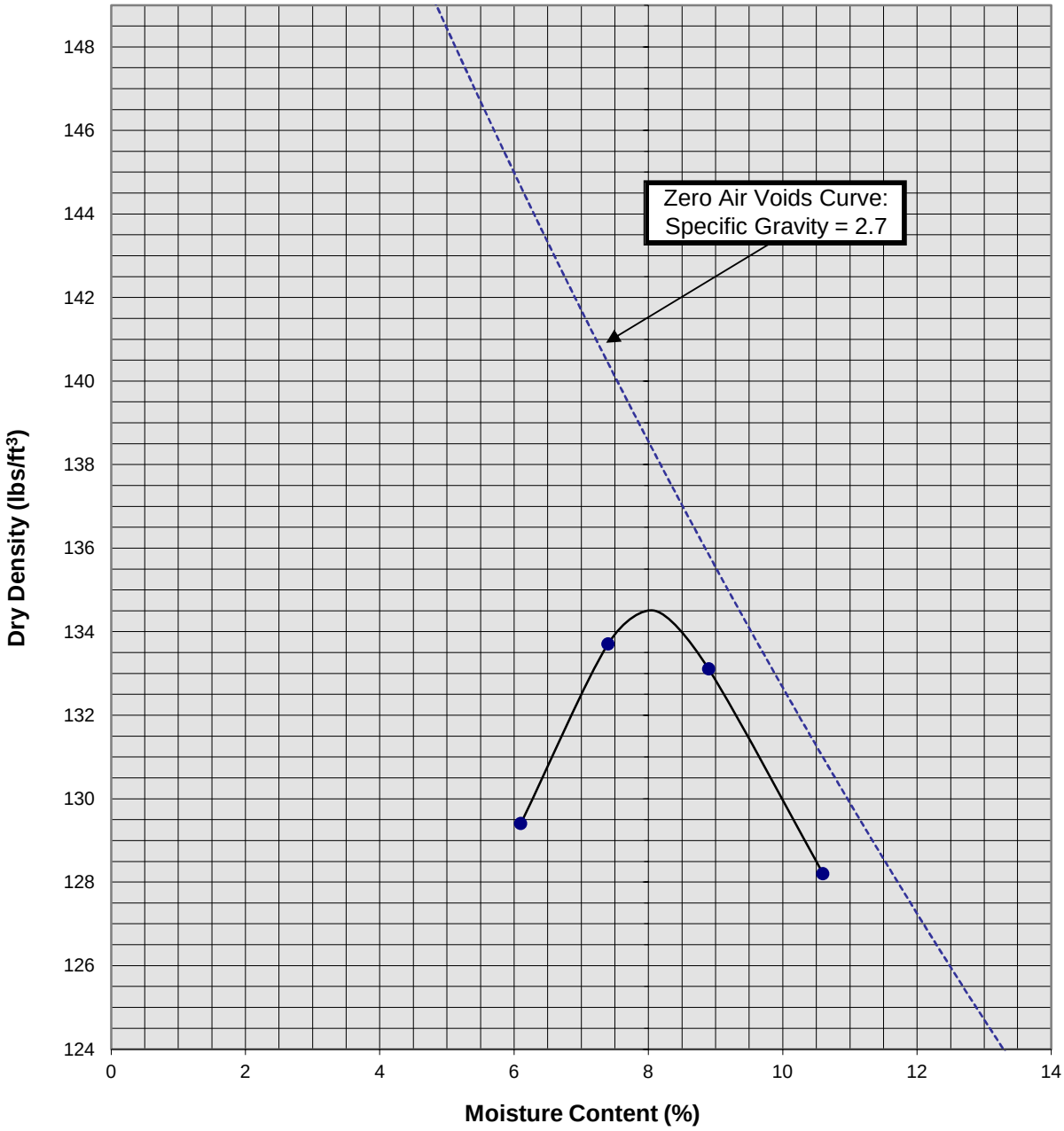
Boring Number:	B-4	Initial Moisture Content (%)	15
Sample Number:	---	Final Moisture Content (%)	19
Depth (ft)	3 to 4	Initial Dry Density (pcf)	119.7
Specimen Diameter (in)	2.4	Final Dry Density (pcf)	124.1
Specimen Thickness (in)	1.0	Percent Collapse (%)	-0.13

Proposed Warehouse
Perris, California
Project No. 22G107-1

PLATE C- 1

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Moisture/Density Relationship
ASTM D-1557



Soil ID Number	B-1 @ 0 to 5'
Optimum Moisture (%)	8
Maximum Dry Density (pcf)	134.5
Soil Classification	Red Brown fine to coarse Sandy Clay, trace Silt

Proposed Warehouse
Perris, CA
Project No. 22G107-1

PLATE C-2

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

APPENDIX D

GRADING GUIDE SPECIFICATIONS

These grading guide specifications are intended to provide typical procedures for grading operations. They are intended to supplement the recommendations contained in the geotechnical investigation report for this project. Should the recommendations in the geotechnical investigation report conflict with the grading guide specifications, the more site specific recommendations in the geotechnical investigation report will govern.

General

- The Earthwork Contractor is responsible for the satisfactory completion of all earthwork in accordance with the plans and geotechnical reports, and in accordance with city, county, and applicable building codes.

- The Geotechnical Engineer is the representative of the Owner/Builder for the purpose of implementing the report recommendations and guidelines. These duties are not intended to relieve the Earthwork Contractor of any responsibility to perform in a workman-like manner, nor is the Geotechnical Engineer to direct the grading equipment or personnel employed by the Contractor.

- The Earthwork Contractor is required to notify the Geotechnical Engineer of the anticipated work and schedule so that testing and inspections can be provided. If necessary, work may be stopped and redone if personnel have not been scheduled in advance.

- The Earthwork Contractor is required to have suitable and sufficient equipment on the job-site to process, moisture condition, mix and compact the amount of fill being placed to the approved compaction. In addition, suitable support equipment should be available to conform with recommendations and guidelines in this report.

- Canyon cleanouts, overexcavation areas, processed ground to receive fill, key excavations, subdrains and benches should be observed by the Geotechnical Engineer prior to placement of any fill. It is the Earthwork Contractor's responsibility to notify the Geotechnical Engineer of areas that are ready for inspection.

- Excavation, filling, and subgrade preparation should be performed in a manner and sequence that will provide drainage at all times and proper control of erosion. Precipitation, springs, and seepage water encountered shall be pumped or drained to provide a suitable working surface. The Geotechnical Engineer must be informed of springs or water seepage encountered during grading or foundation construction for possible revision to the recommended construction procedures and/or installation of subdrains.

Site Preparation

- The Earthwork Contractor is responsible for all clearing, grubbing, stripping and site preparation for the project in accordance with the recommendations of the Geotechnical Engineer.

- If any materials or areas are encountered by the Earthwork Contractor which are suspected of having toxic or environmentally sensitive contamination, the Geotechnical Engineer and Owner/Builder should be notified immediately.

- Major vegetation should be stripped and disposed of off-site. This includes trees, brush, heavy grasses and any materials considered unsuitable by the Geotechnical Engineer.

- Underground structures such as basements, cesspools or septic disposal systems, mining shafts, tunnels, wells and pipelines should be removed under the inspection of the Geotechnical Engineer and recommendations provided by the Geotechnical Engineer and/or city, county or state agencies. If such structures are known or found, the Geotechnical Engineer should be notified as soon as possible so that recommendations can be formulated.

- Any topsoil, slopewash, colluvium, alluvium and rock materials which are considered unsuitable by the Geotechnical Engineer should be removed prior to fill placement.

- Remaining voids created during site clearing caused by removal of trees, foundations basements, irrigation facilities, etc., should be excavated and filled with compacted fill.

- Subsequent to clearing and removals, areas to receive fill should be scarified to a depth of 10 to 12 inches, moisture conditioned and compacted

- The moisture condition of the processed ground should be at or slightly above the optimum moisture content as determined by the Geotechnical Engineer. Depending upon field conditions, this may require air drying or watering together with mixing and/or discing.

Compacted Fills

- Soil materials imported to or excavated on the property may be utilized in the fill, provided each material has been determined to be suitable in the opinion of the Geotechnical Engineer. Unless otherwise approved by the Geotechnical Engineer, all fill materials shall be free of deleterious, organic, or frozen matter, shall contain no chemicals that may result in the material being classified as “contaminated,” and shall be very low to non-expansive with a maximum expansion index (EI) of 50. The top 12 inches of the compacted fill should have a maximum particle size of 3 inches, and all underlying compacted fill material a maximum 6-inch particle size, except as noted below.

- All soils should be evaluated and tested by the Geotechnical Engineer. Materials with high expansion potential, low strength, poor gradation or containing organic materials may require removal from the site or selective placement and/or mixing to the satisfaction of the Geotechnical Engineer.

- Rock fragments or rocks less than 6 inches in their largest dimensions, or as otherwise determined by the Geotechnical Engineer, may be used in compacted fill, provided the distribution and placement is satisfactory in the opinion of the Geotechnical Engineer.

- Rock fragments or rocks greater than 12 inches should be taken off-site or placed in accordance with recommendations and in areas designated as suitable by the Geotechnical Engineer. These materials should be placed in accordance with Plate D-8 of these Grading Guide Specifications and in accordance with the following recommendations:

    - Rocks 12 inches or more in diameter should be placed in rows at least 15 feet apart, 15 feet from the edge of the fill, and 10 feet or more below subgrade. Spaces should be left between each rock fragment to provide for placement and compaction of soil around the fragments.

    - Fill materials consisting of soil meeting the minimum moisture content requirements and free of oversize material should be placed between and over the rows of rock or

concrete. Ample water and compactive effort should be applied to the fill materials as they are placed in order that all of the voids between each of the fragments are filled and compacted to the specified density.

- Subsequent rows of rocks should be placed such that they are not directly above a row placed in the previous lift of fill. A minimum 5-foot offset between rows is recommended.

- To facilitate future trenching, oversized material should not be placed within the range of foundation excavations, future utilities or other underground construction unless specifically approved by the soil engineer and the developer/owner representative.

- Fill materials approved by the Geotechnical Engineer should be placed in areas previously prepared to receive fill and in evenly placed, near horizontal layers at about 6 to 8 inches in loose thickness, or as otherwise determined by the Geotechnical Engineer for the project.

- Each layer should be moisture conditioned to optimum moisture content, or slightly above, as directed by the Geotechnical Engineer. After proper mixing and/or drying, to evenly distribute the moisture, the layers should be compacted to at least 90 percent of the maximum dry density in compliance with ASTM D-1557-78 unless otherwise indicated.

- Density and moisture content testing should be performed by the Geotechnical Engineer at random intervals and locations as determined by the Geotechnical Engineer. These tests are intended as an aid to the Earthwork Contractor, so he can evaluate his workmanship, equipment effectiveness and site conditions. The Earthwork Contractor is responsible for compaction as required by the Geotechnical Report(s) and governmental agencies.

- Fill areas unused for a period of time may require moisture conditioning, processing and recompaction prior to the start of additional filling. The Earthwork Contractor should notify the Geotechnical Engineer of his intent so that an evaluation can be made.

- Fill placed on ground sloping at a 5-to-1 inclination (horizontal-to-vertical) or steeper should be benched into bedrock or other suitable materials, as directed by the Geotechnical Engineer. Typical details of benching are illustrated on Plates D-2, D-4, and D-5.

- Cut/fill transition lots should have the cut portion overexcavated to a depth of at least 3 feet and rebuilt with fill (see Plate D-1), as determined by the Geotechnical Engineer.

- All cut lots should be inspected by the Geotechnical Engineer for fracturing and other bedrock conditions. If necessary, the pads should be overexcavated to a depth of 3 feet and rebuilt with a uniform, more cohesive soil type to impede moisture penetration.

- Cut portions of pad areas above buttresses or stabilizations should be overexcavated to a depth of 3 feet and rebuilt with uniform, more cohesive compacted fill to impede moisture penetration.

- Non-structural fill adjacent to structural fill should typically be placed in unison to provide lateral support. Backfill along walls must be placed and compacted with care to ensure that excessive unbalanced lateral pressures do not develop. The type of fill material placed adjacent to below grade walls must be properly tested and approved by the Geotechnical Engineer with consideration of the lateral earth pressure used in the design.

Foundations

- The foundation influence zone is defined as extending one foot horizontally from the outside edge of a footing, and proceeding downward at a ½ horizontal to 1 vertical (0.5:1) inclination.

- Where overexcavation beneath a footing subgrade is necessary, it should be conducted so as to encompass the entire foundation influence zone, as described above.

- Compacted fill adjacent to exterior footings should extend at least 12 inches above foundation bearing grade. Compacted fill within the interior of structures should extend to the floor subgrade elevation.

Fill Slopes

- The placement and compaction of fill described above applies to all fill slopes. Slope compaction should be accomplished by overfilling the slope, adequately compacting the fill in even layers, including the overfilled zone and cutting the slope back to expose the compacted core

- Slope compaction may also be achieved by backrolling the slope adequately every 2 to 4 vertical feet during the filling process as well as requiring the earth moving and compaction equipment to work close to the top of the slope. Upon completion of slope construction, the slope face should be compacted with a sheepsfoot connected to a sideboom and then grid rolled. This method of slope compaction should only be used if approved by the Geotechnical Engineer.

- Sandy soils lacking in adequate cohesion may be unstable for a finished slope condition and therefore should not be placed within 15 horizontal feet of the slope face.

- All fill slopes should be keyed into bedrock or other suitable material. Fill keys should be at least 15 feet wide and inclined at 2 percent into the slope. For slopes higher than 30 feet, the fill key width should be equal to one-half the height of the slope (see Plate D-5).

- All fill keys should be cleared of loose slough material prior to geotechnical inspection and should be approved by the Geotechnical Engineer and governmental agencies prior to filling.

- The cut portion of fill over cut slopes should be made first and inspected by the Geotechnical Engineer for possible stabilization requirements. The fill portion should be adequately keyed through all surficial soils and into bedrock or suitable material. Soils should be removed from the transition zone between the cut and fill portions (see Plate D-2).

Cut Slopes

- All cut slopes should be inspected by the Geotechnical Engineer to determine the need for stabilization. The Earthwork Contractor should notify the Geotechnical Engineer when slope cutting is in progress at intervals of 10 vertical feet. Failure to notify may result in a delay in recommendations.

- Cut slopes exposing loose, cohesionless sands should be reported to the Geotechnical Engineer for possible stabilization recommendations.

- All stabilization excavations should be cleared of loose slough material prior to geotechnical inspection. Stakes should be provided by the Civil Engineer to verify the location and dimensions of the key. A typical stabilization fill detail is shown on Plate D-5.

- Stabilization key excavations should be provided with subdrains. Typical subdrain details are shown on Plates D-6.

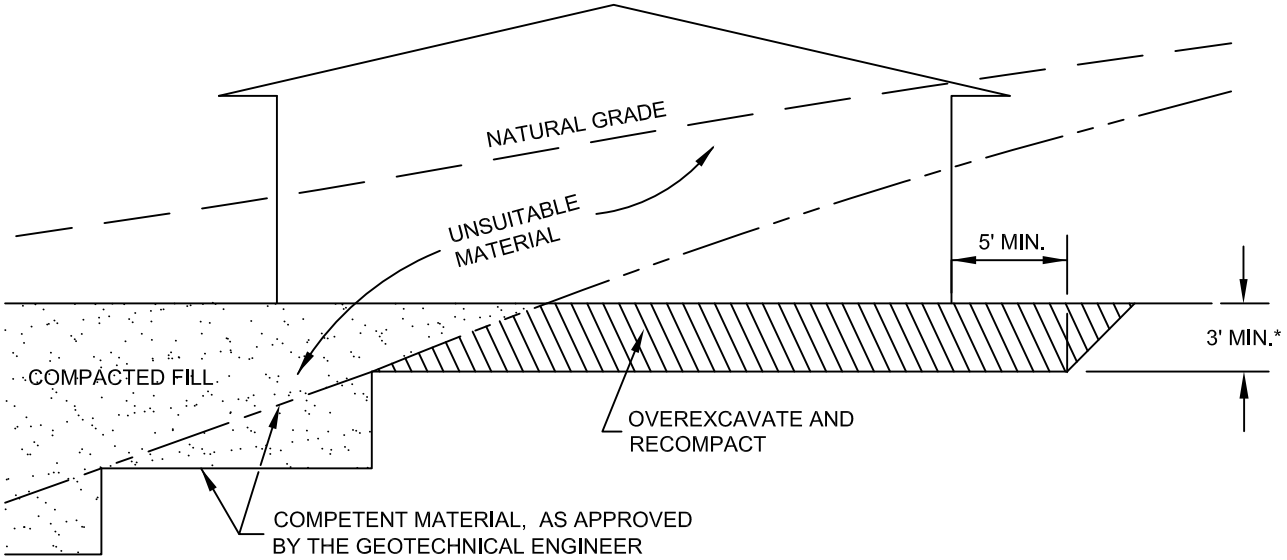
Subdrains

- Subdrains may be required in canyons and swales where fill placement is proposed. Typical subdrain details for canyons are shown on Plate D-3. Subdrains should be installed after approval of removals and before filling, as determined by the Soils Engineer.

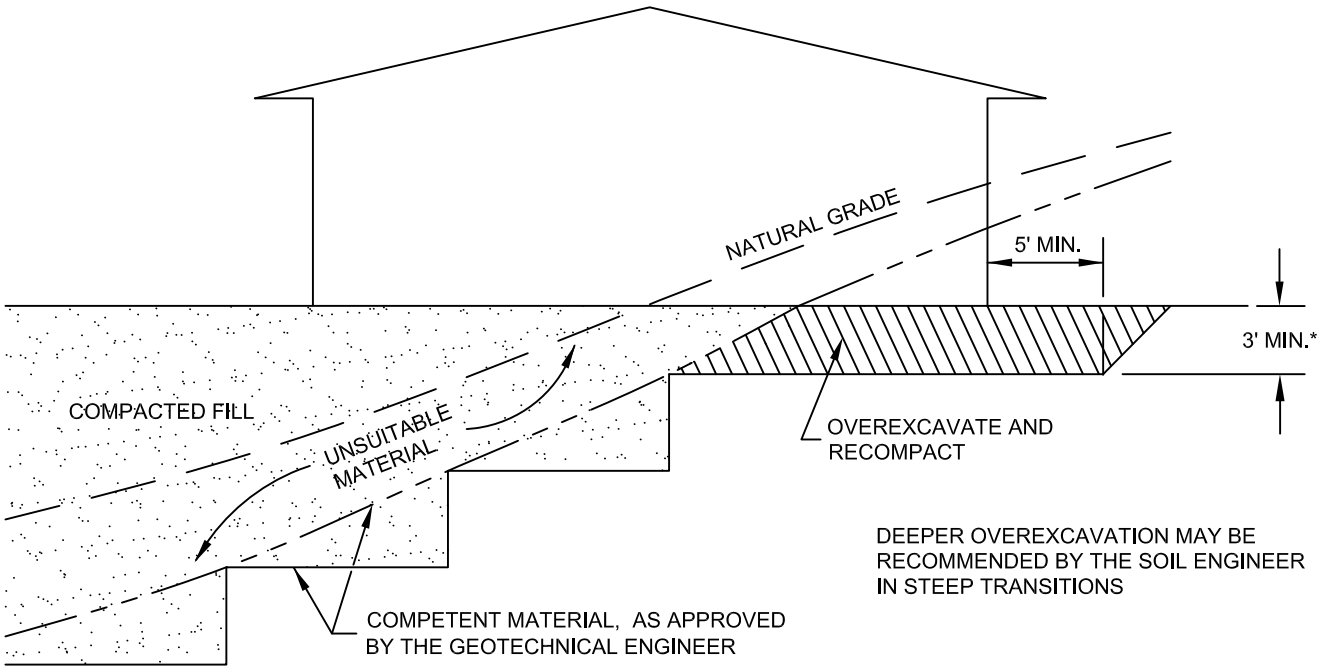
- Plastic pipe may be used for subdrains provided it is Schedule 40 or SDR 35 or equivalent. Pipe should be protected against breakage, typically by placement in a square-cut (backhoe) trench or as recommended by the manufacturer.

- Filter material for subdrains should conform to CALTRANS Specification 68-1.025 or as approved by the Geotechnical Engineer for the specific site conditions. Clean ¾-inch crushed rock may be used provided it is wrapped in an acceptable filter cloth and approved by the Geotechnical Engineer. Pipe diameters should be 6 inches for runs up to 500 feet and 8 inches for the downstream continuations of longer runs. Four-inch diameter pipe may be used in buttress and stabilization fills.

CUT LOT



CUT/FILL LOT (TRANSITION)



*SEE TEXT OF REPORT FOR SPECIFIC RECOMMENDATION. ACTUAL DEPTH OF OVEREXCAVATION MAY BE GREATER.

TRANSITION LOT DETAIL

GRADING GUIDE SPECIFICATIONS

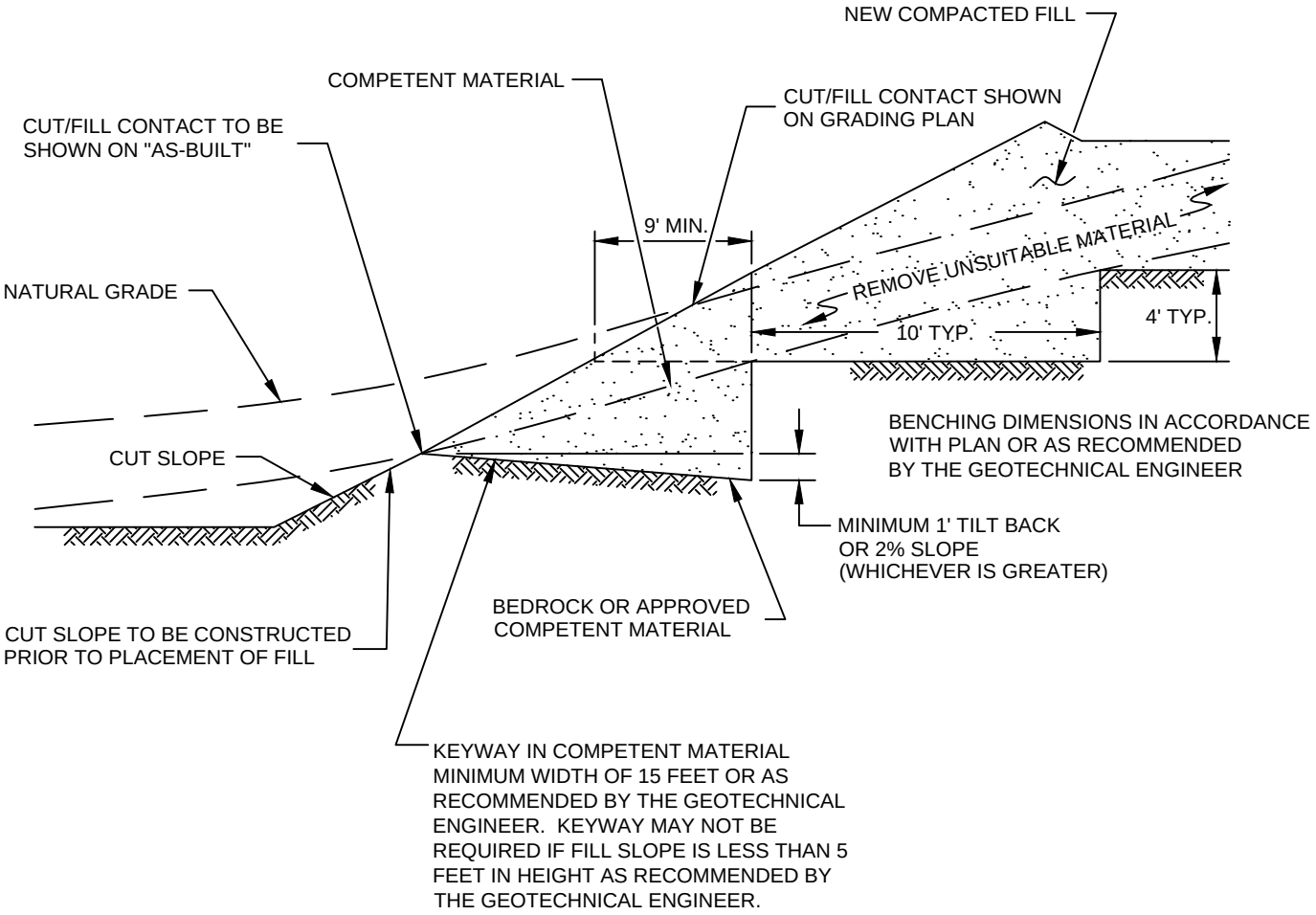
NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-1

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL



FILL ABOVE CUT SLOPE DETAIL

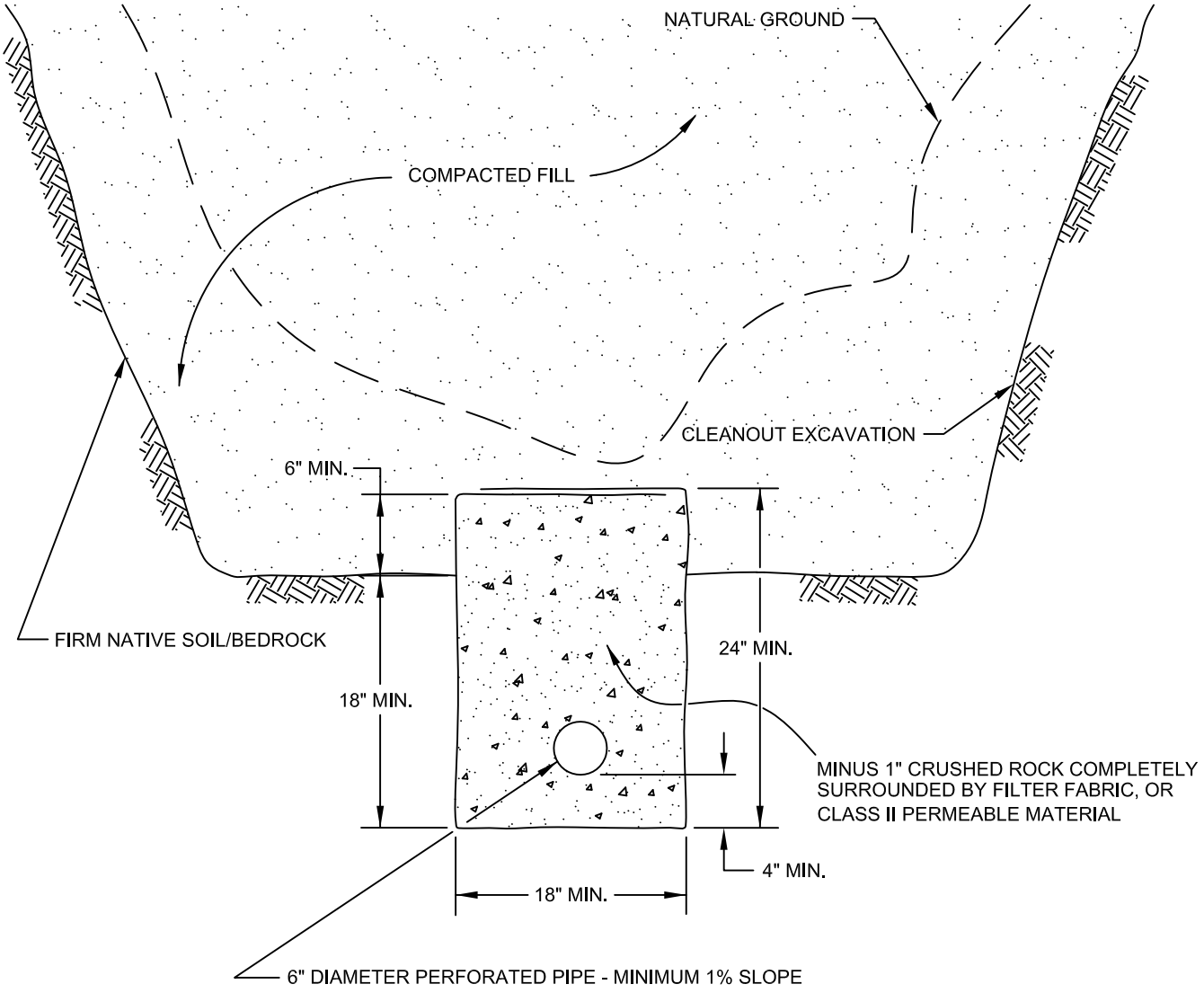
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-2

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



PIPE MATERIAL	DEPTH OF FILL OVER SUBDRAIN
ADS (CORRUGATED POLETHYLENE)	8
TRANSITE UNDERDRAIN	20
PVC OR ABS: SDR 35	35
SDR 21	100

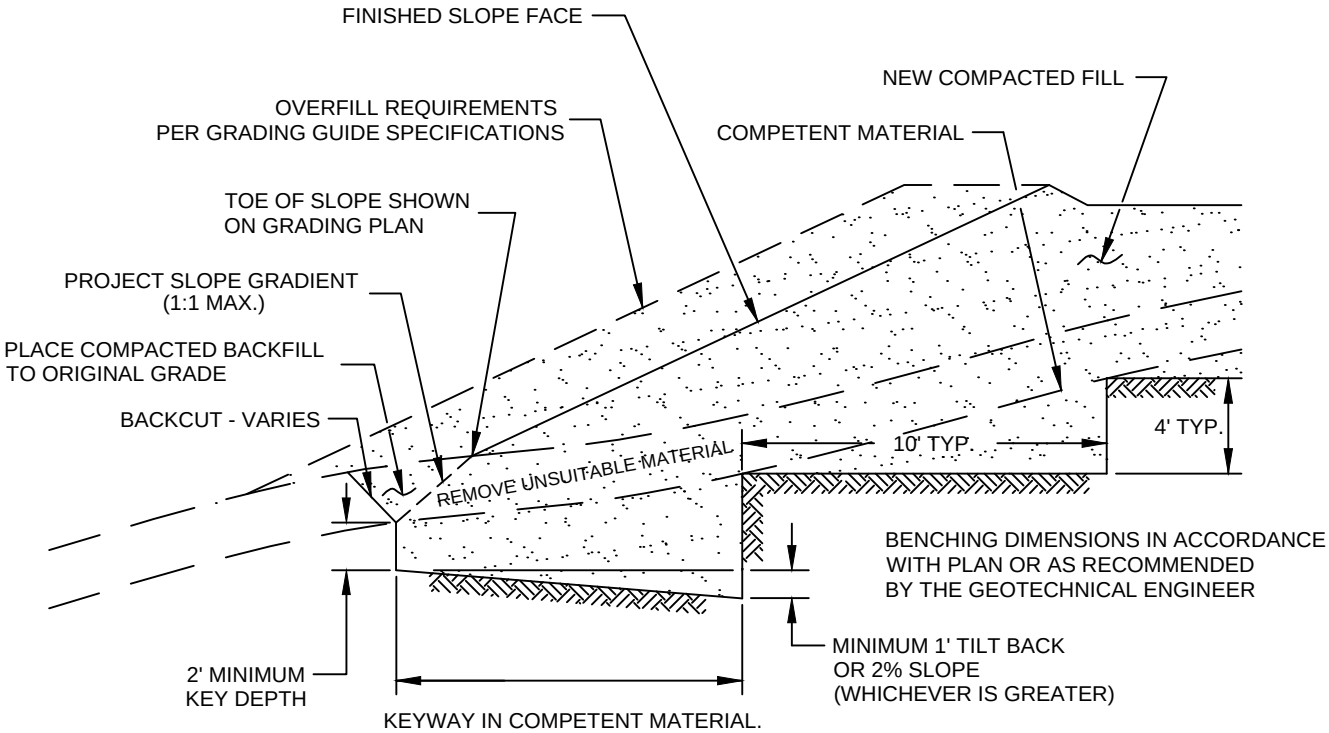
SCHEMATIC ONLY
NOT TO SCALE

CANYON SUBDRAIN DETAIL
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE
DRAWN: JAS
CHKD: GKM

PLATE D-3

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



NOTE:
BENCHING SHALL BE REQUIRED WHEN NATURAL SLOPES ARE EQUAL TO OR STEEPER THAN 5:1 OR WHEN RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

FILL ABOVE NATURAL SLOPE DETAIL

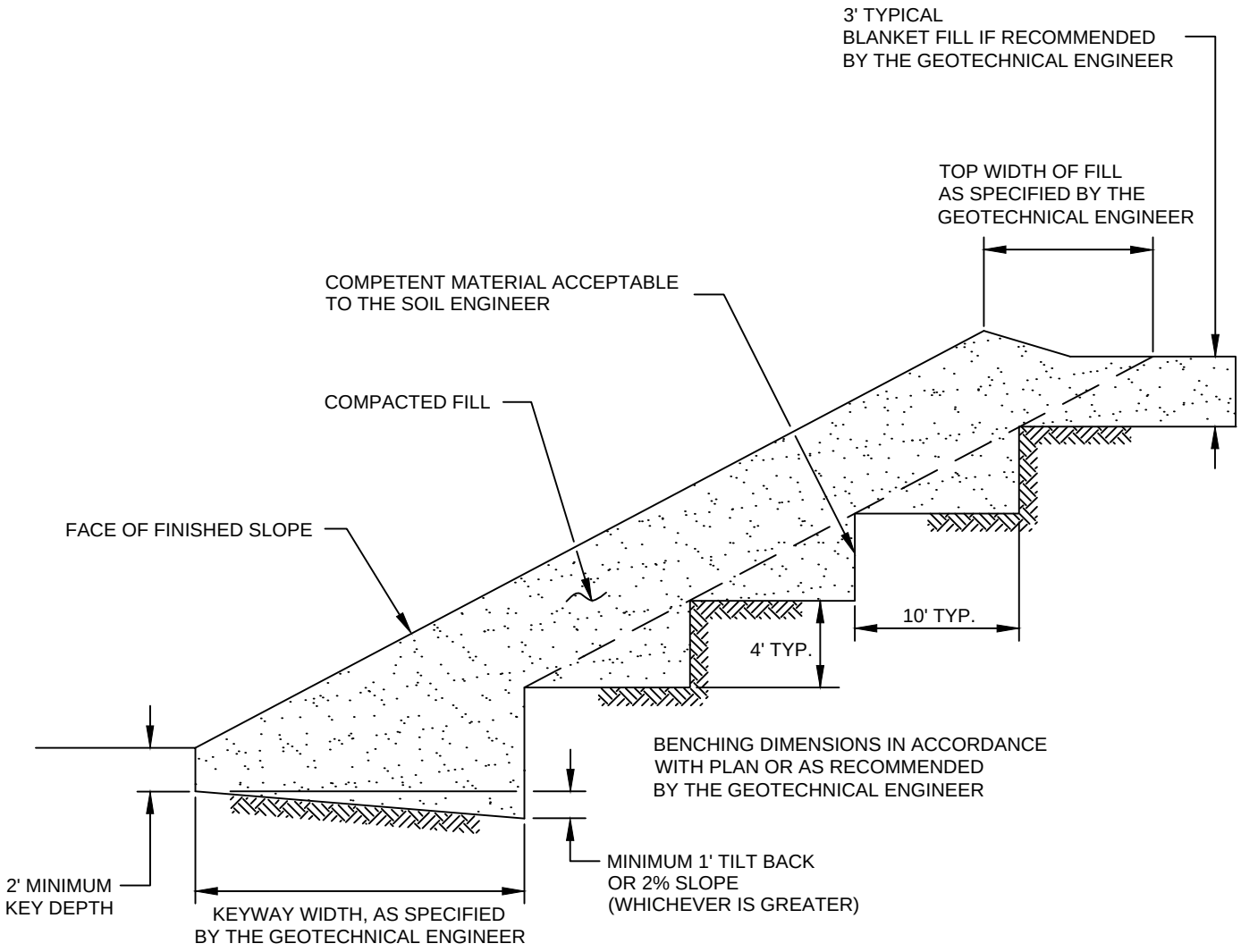
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-4

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



STABILIZATION FILL DETAIL

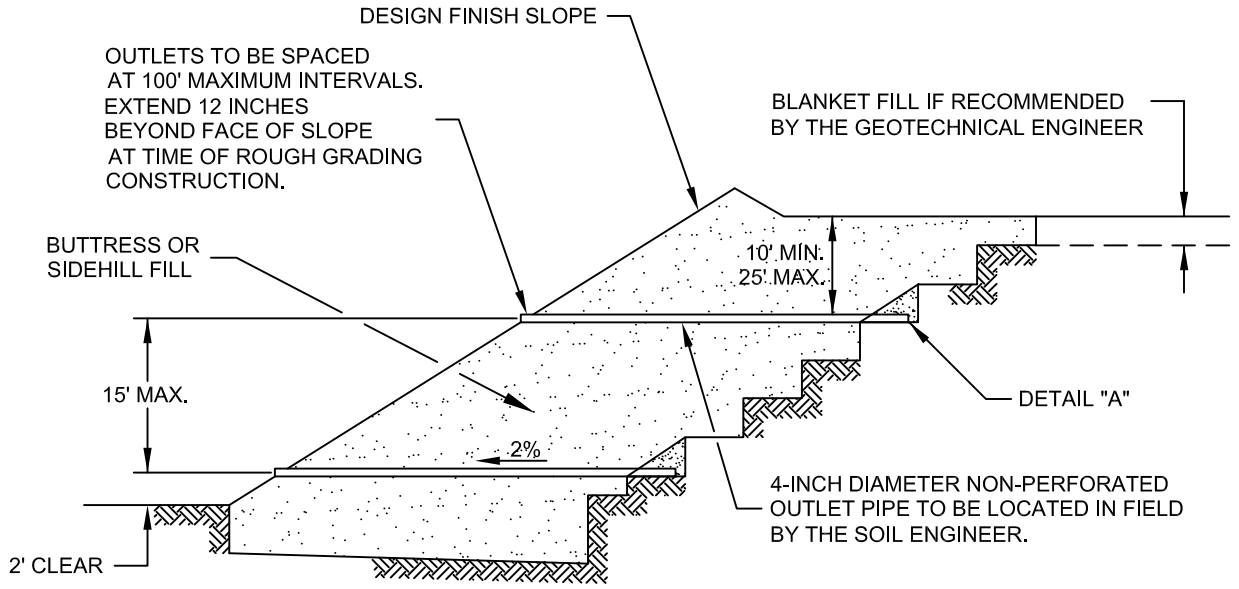
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-5

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



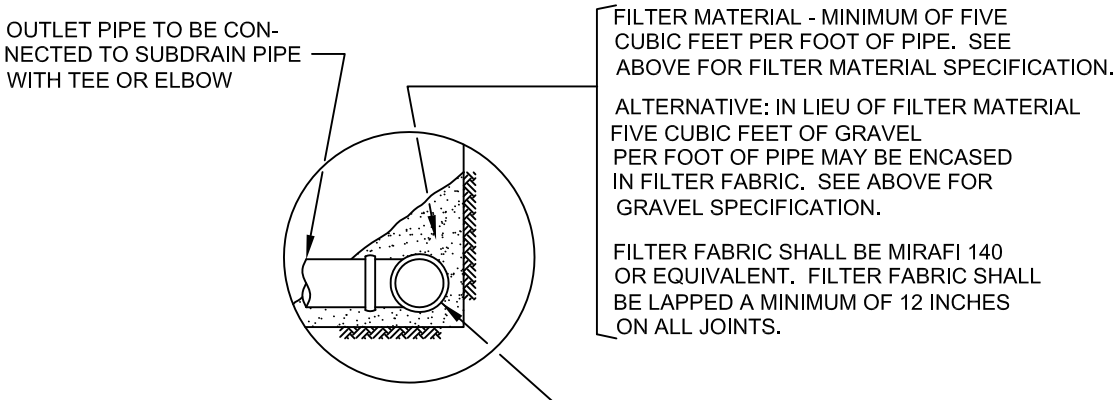
"FILTER MATERIAL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT: (CONFORMS TO EMA STD. PLAN 323)

SIEVE SIZE	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	40-100
NO. 4	25-40
NO. 8	18-33
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

"GRAVEL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT:

SIEVE SIZE	MAXIMUM PERCENTAGE PASSING
1 1/2"	100
NO. 4	50
NO. 200	8

SAND EQUIVALENT = MINIMUM OF 50



DETAIL "A"

NOTES:
1. TRENCH FOR OUTLET PIPES TO BE BACKFILLED WITH ON-SITE SOIL.

SLOPE FILL SUBDRAINS

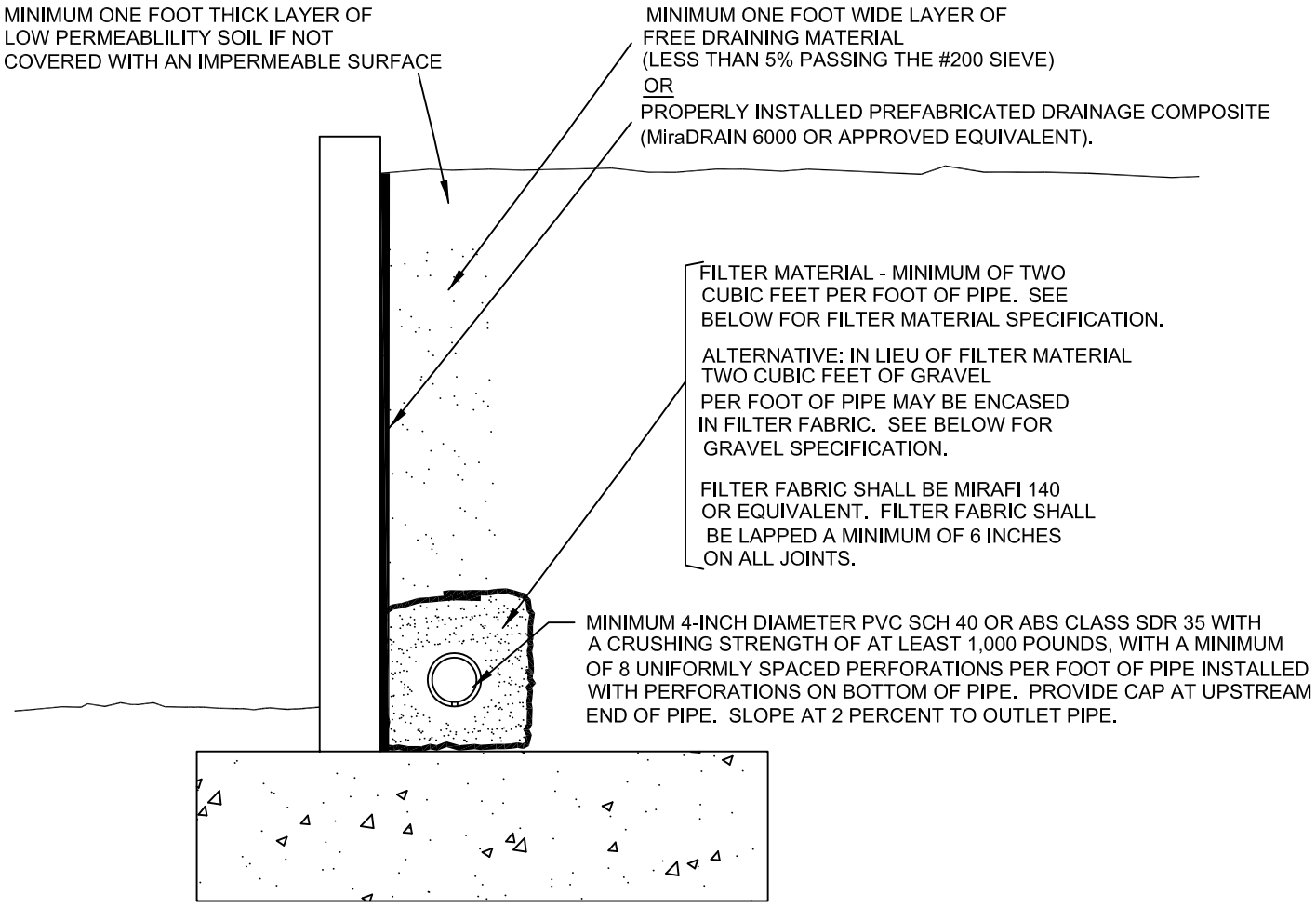
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-6

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



"FILTER MATERIAL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT: (CONFORMS TO EMA STD. PLAN 323)

SIEVE SIZE	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	40-100
NO. 4	25-40
NO. 8	18-33
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

"GRAVEL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT:

SIEVE SIZE	MAXIMUM PERCENTAGE PASSING
1 1/2"	100
NO. 4	50
NO. 200	8

SAND EQUIVALENT = MINIMUM OF 50

RETAINING WALL BACKDRAINS

GRADING GUIDE SPECIFICATIONS

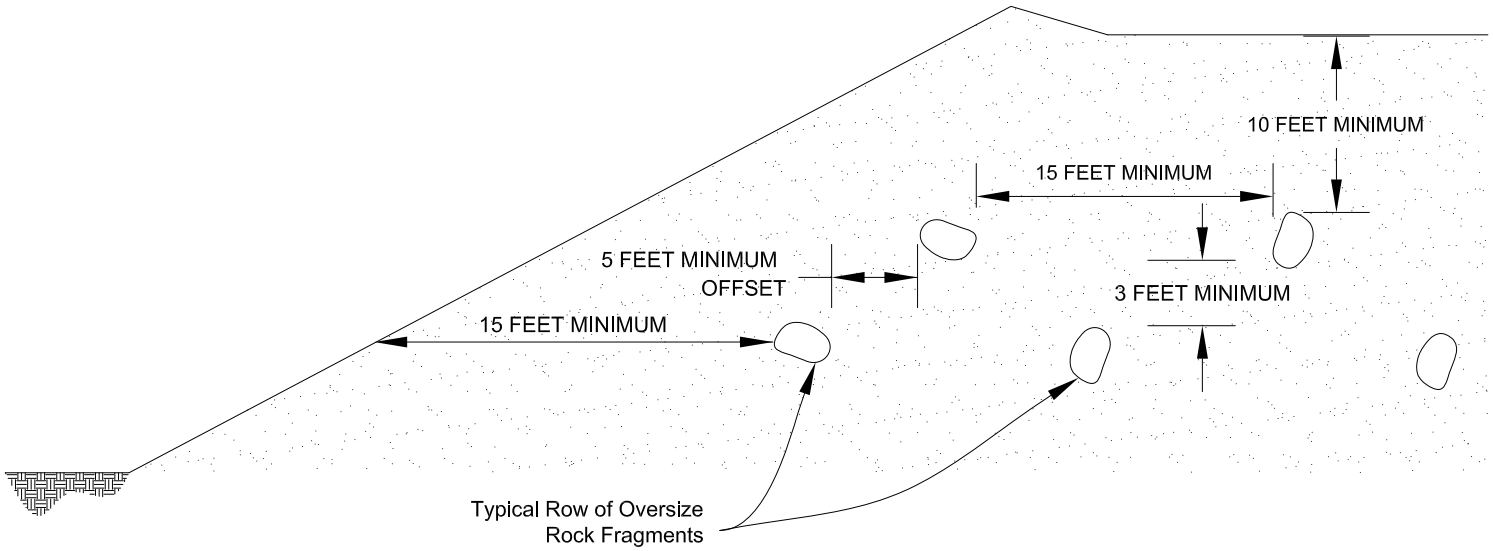
NOT TO SCALE

DRAWN: JAS
CHKD: GKM

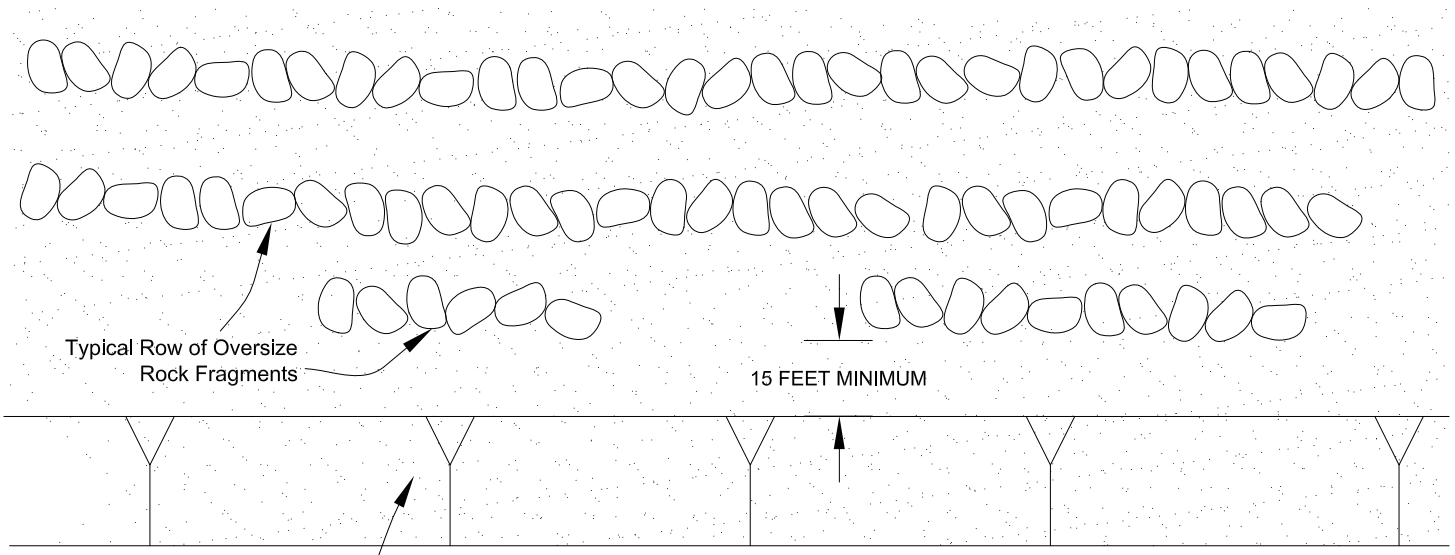
PLATE D-7

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL



Section View



Plan View

PLACEMENT OF OVERSIZED MATERIAL

GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: PM
CHKD: GKM

PLATE D-8

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL

APPENDIX E

OSHPD

Latitude, Longitude: 33.744164, -117.180544



Date	2/23/2022, 10:19:50 AM
Design Code Reference Document	ASCE7-16
Risk Category	III
Site Class	C - Very Dense Soil and Soft Rock

Type	Value	Description
S_S	1.421	MCE_R ground motion. (for 0.2 second period)
S_1	0.528	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.705	Site-modified spectral acceleration value
S_{M1}	0.777	Site-modified spectral acceleration value
S_{DS}	1.137	Numeric seismic design value at 0.2 second SA
S_{D1}	0.518	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	D	Seismic design category
F_a	1.2	Site amplification factor at 0.2 second
F_v	1.472	Site amplification factor at 1.0 second
PGA	0.5	MCE_G peak ground acceleration
F_{PGA}	1.2	Site amplification factor at PGA
PGA_M	0.6	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.421	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	1.52	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	1.5	Factored deterministic acceleration value. (0.2 second)
S1RT	0.528	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.575	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.6	Factored deterministic acceleration value. (1.0 second)
PGAd	0.5	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	0.935	Mapped value of the risk coefficient at short periods
C_{R1}	0.918	Mapped value of the risk coefficient at a period of 1 s

SOURCE: SEAOC/OSHPD Seismic Design Maps Tool
<https://seismicmaps.org/>

SEISMIC DESIGN PARAMETERS - 2019 CBC

PROPOSED WAREHOUSE

PERRIS, CALIFORNIA

DRAWN: MD
CHKD: DN

SCG PROJECT
22G107-1

PLATE E-1

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL

SCG-B

Limited Geotechnical Investigation

May 1, 2023

Hillwood
901 Via Piemonte, Suite 175
Ontario, California 91764

Attention: Mr. John Grace

Project No.: **22G107-3**

Subject: **Limited Geotechnical Investigation**
Ethanac Assemblage – Off-Site Improvements
NWC Ethanac Road and Sherman Road
Perris, California

Mr. Grace:

In accordance with your request, this letter presents geotechnical design recommendations for the street improvements associated with the Ethanac Assemblage project. The purpose of this limited geotechnical investigation is to provide construction and design considerations associated with the proposed storm drain and associated improvements. In order to prepare this report, we have performed subsurface exploration and laboratory testing.

Project Description

The overall site, identified as the Ethanac Assemblage, is located at the northwest corner of Ethanac Road and Sherman Road in Perris, California. The site is bounded to the north by a commercial/industrial building and a vacant lot, to the west by Trumble Road, to the south by Ethanac Road, and to the east by Sherman Road.

The overall site consists of several contiguous rectangular-shaped parcels which total 20.7± acres in size. The site is currently vacant and undeveloped. The ground surface cover generally consists of exposed soil with moderate native grass and weed growth.

A preliminary site plan for the proposed development was provided to our office by the client. Based on this plan, the subject site will be developed with a 413,350± ft² warehouse, located in the central region of the site. Dock-high doors will be constructed along a portion of the northern and southern building walls. The proposed building is expected to be surrounded by asphaltic concrete pavements in the parking and drive areas, Portland cement concrete pavements in the truck loading areas, and concrete flatwork with some landscaped areas.

Based on our review of the plans provided to our office, it is expected that the project will consist of widening the portions of the existing roads which front the overall site. Ethanac Road will be widened 40 to 60± feet to the north. Sherman Road will be widened 20 to 30± feet to the west, and Trumble Road will be widened 10 to 15 feet to the east. The new pavements will be comprised of asphaltic concrete pavements over an aggregate base section.

In addition to the street widening procedures, the plan provided to our office indicates that the project will include replacement of an existing 48-inch and 36-inch diameter storm drain line, located within Illinois Avenue. The new storm drain will be a 5-ft by 4-ft RCB, which will extend

approximately 1,142 linear feet west of Trumble Road. Information regarding the depth of the proposed storm drain line has not been provided. The new storm drain line is estimated to extend to depths of 10 to 15± feet below existing surface grades.

Subsurface Exploration

The subsurface exploration conducted for this project consisted of seven (7) borings (identified as Boring Nos. B-1 through B-7) advanced to depths of 5 to 20± feet below the existing site grades. All of the borings were logged during drilling by a member of our staff. Boring Nos. B-1 though B-3 were performed within Illinois Avenue, as part of the storm drain improvements. Boring Nos. B-4 through B-7 were performed in the proposed street widening areas, adjacent to Ethanac Road and Sherman Road. These borings were advance using manually-operated hand-auger equipment.

Boring Nos. B-1 through B-3 were advanced with hollow-stem augers, by a conventional truck-mounted drilling rig. Representative bulk and relatively undisturbed soil samples were taken during drilling. Relatively undisturbed soil samples were taken with a split barrel "California Sampler" containing a series of one inch long, 2.416± inch diameter brass rings. This sampling method is described in ASTM Test Method D-3550. In-situ samples were also taken using a 1.4± inch inside diameter split spoon sampler, in general accordance with ASTM D-1586. Both of these samplers are driven into the ground with successive blows of a 140-pound weight falling 30 inches. The blow counts obtained during driving are recorded for further analysis. Bulk samples were collected in plastic bags to retain their original moisture content. The relatively undisturbed ring samples were placed in molded plastic sleeves that were then sealed and transported to our laboratory.

The approximate locations of the borings are indicated on the Boring Location Plan, included as Plates 2A and 2B in this report. The Boring Logs, which illustrate the conditions encountered at the boring locations, as well as the results of some of the laboratory testing, are included with this report.

Geotechnical Conditions

Pavements

AC pavements were encountered at the ground surface at Boring Nos. B-1 through B-3, which were drilled within Illinois Avenue. At these locations, the pavement sections consist of 5 to 7½± inches of asphaltic concrete, underlain by 4 to 8± inches of aggregate base. The thicknesses of the existing pavement sections are presented in the table below.

Boring No. Identification	Asphaltic Concrete Thickness (inches)	Aggregate Base Thickness (inches)	Location
B-1	7½	4	Illinois Avenue
B-2	5	8	Illinois Avenue
B-3	5	7	Illinois Avenue

Artificial Fill

Artificial fill soils were encountered at the ground surface at most of the boring locations, extending to depths of 2½ to 5½± feet below the existing site grades. The fill soils consist of loose to medium dense silty fine sands and clayey fine sands, with varying medium sand and clay content, and fine sandy clays. The fill soils possess a disturbed and mottled appearance, resulting in their classification of artificial fill.

Older Alluvium

Native alluvium was encountered beneath the artificial fill soils or at the ground surface at all the boring locations, extending to at least the maximum depth explored of 20± feet. The older alluvium generally consists of medium dense to very dense silty sands, clayey sands, and fine sandy silts with varying medium to coarse sand, and very stiff to hard fine sandy clays.

Groundwater

Free water was not encountered during the drilling of any of the borings. Based on the lack of any water within the borings and the moisture contents of the recovered soil samples, the static groundwater table is considered to have existed at a depth in excess of 20± feet at the time of the subsurface exploration.

As part of our research, we reviewed readily available groundwater data in order to determine regional groundwater depths. The primary reference used to determine the groundwater depths in the subject site area is the California Department of Water Resources website, http://www.water.ca.gov/waterdatalibrary/. The nearest monitoring well is located directly south of Illinois Avenue. Water level readings within this monitoring well indicates a high groundwater level of 95± feet below the ground surface in September 1995.

Laboratory Testing

Classification

All recovered soil samples were classified using the Unified Soil Classification System (USCS), in accordance with ASTM D-2488. Field identifications were then supplemented with additional visual classifications and/or by laboratory testing. The USCS classifications are shown on the Boring Logs and are periodically referenced throughout this report.

In-situ Density and Moisture Content

The density has been determined for selected relatively undisturbed ring samples. These densities were determined in general accordance with the method presented in ASTM D-2937. The results are recorded as dry unit weight in pounds per cubic foot. The moisture contents are determined in accordance with ASTM D-2216, and are expressed as a percentage of the dry weight. These test results are presented on the Boring Logs.

Grain Size Analysis

The grain size distribution of two (2) selected soils has been determined using a range of wire mesh screens. These tests were performed in general accordance with ASTM D-422 and/or ASTM D-1140. The weight of the portion of the sample retained on each screen is recorded and the

percentage finer or coarser of the total weight is calculated. The grain size distribution for each of the tested samples has been graphed and included in as Plates C-1 and C-2 in this report.

Maximum Dry Density and Optimum Moisture Content

Three (3) representative bulk samples were tested for their maximum dry densities and optimum moisture contents. The results have been obtained using the Modified Proctor procedure, per ASTM D-1557. These tests are generally used to compare the in-situ densities of undisturbed field samples, and for later compaction testing. Additional testing of other soil type or soil mixes may be necessary at a later date. The result of the test is plotted on Plates C-3 through C-5 with this report.

Direct Shear

Direct shear testing was performed on one (1) undisturbed sample to determine its shear strength parameters. The test was performed in accordance with ASTM D-3080. The testing apparatus is designed to accept either natural or remolded samples in a one-inch high ring, approximately 2.416 inches in diameter. Three undisturbed soil samples are loaded with different normal loads and the resulting shear strength is determined for that particular normal load. The shearing of the samples is performed at a rate slow enough to permit the dissipation of excess pore water pressure. Porous stones are in contact with the top and bottom of the sample to permit the addition or release of pore water. The result of the direct shear test is presented on Plate C-6.

Corrosivity Testing

Two (2) representative samples of the near-surface soils within the proposed storm drain areas were submitted to a subcontracted corrosion engineering laboratory to identify potentially corrosive characteristics with respect to common construction materials. The corrosivity testing included a determination of the electrical resistivity, pH, chloride, nitrate and sulfide concentrations, and redox potential. The resistivity of the soils is a measure of their potential to attack buried metal improvements such as utility lines. The results of these tests are presented below:

Sample Identification	Saturated Resistivity (ohm-cm)	pH	Chlorides (mg/kg)	Nitrates (mg/kg)	Sulfides (mg/kg)	Redox Potential (mV)
B-2 @ 1 to 5 feet	2,948	8.6	21.5	17.0	1.9	102
B-3 @ 1 to 5 feet	3,080	9.0	4.8	6.6	1.3	113

Sand Equivalent

Sand equivalency values have been determined for representative soil samples recovered at the subject site. Testing has been performed in accordance with ASTM D-2419. Sand Equivalent values are often used to characterize the claylike portion of a soil or aggregate sample. The results of the Sand Equivalent Testing are presented below.

Sample Identification	San Equivalent
B-2 @ 1 to 5 feet	13
B-3 @ 1 to 5 feet	14

R-Value

R (resistance)-value testing was conducted on three (3) representative samples of the existing soils obtained from the proposed improvement areas. The R-value was determined in accordance with CA Test Method 301. This test provides a measure of the pavement support characteristics of the soils and is used in the pavement thickness design procedure. The results of the R-value testing are as follows:

Sample Identification	R-Value
B-2 @ 1 to 5 feet	33
B-5 @ 1 to 5 feet	42
B-7 @ 1 to 5 feet	36

Geotechnical Design Considerations

The excavated soils are suitable to be recompacted and used as structural backfill for the storm drain line.

Bedding and Shading

The existing soils recovered from the proposed street improvement areas possess appreciable silt and clay content. **Based on the results of sand equivalent testing the underlying soil materials are not considered suitable for bedding or shading purposes**. It is expected that import soils will be required in order to obtain the sand equivalent for bedding and shading required by the city and/or the county.

Corrosion Potential

The results of laboratory testing indicate that the tested samples of the on-site soils possess saturated resistivities of 2,948 to 3,080 ohm-cm, and pH values of 8.6 to 9.0. The soils possess redox potentials of 102 and 113 mV and sulfide concentrations of 1.3 to 1.9 parts per million. These test results have been evaluated in accordance with guidelines published by the Ductile Iron Pipe Research Association (DIPRA). The DIPRA guidelines consist of a point system by which characteristics of the soils are used to quantify the corrosivity characteristics of the site. Resistivity, pH, sulfide concentration, redox potential, and moisture content the five factors that enter into the evaluation procedure. Based on these factors, the on-site soils are considered to be mildly corrosive to ferrous pipes. Therefore, corrosion protection is expected to be required for cast iron or ductile iron pipes.

Concentrations of chlorides ranging from 4.8 to 21.5 ppm were detected in the sample submitted for corrosivity testing. In general, soils possessing chloride concentrations in excess of 500 parts per million (ppm) are considered to be corrosive with respect to steel reinforcement within reinforced concrete. Based on the lack of any significant chlorides in the tested sample, the site is considered to have a C1 chloride exposure in accordance with the American Concrete Institute

(ACI) Publication 318 Building Code Requirements for Structural Concrete and Commentary. Therefore, a specialized concrete mix design for reinforced concrete for protection against chloride exposure is not considered warranted.

Nitrates present in soil can be corrosive to copper tubing at concentrations greater than 50 mg/kg. The tested samples possess nitrate concentrations ranging from 6.6 to 17.0 mg/kg. Based on this test result, the on-site soils are not considered to be corrosive to copper pipe.

Since SCG does not practice in the area of corrosion engineering, we recommend that the client contact a corrosion engineer to provide recommendations for the protection of copper tubing/pipe in contact with the on-site soils.

Site Grading Recommendations

The grading recommendations presented below are based on the subsurface conditions encountered at the boring locations and our understanding of the proposed development. We recommend that all grading activities be completed in accordance with the Grading Guide Specifications included as an enclosure to this report, unless superseded by site-specific recommendations presented below.

Site Stripping and Demolition

Initial site stripping should include removal of any surficial vegetation from the site. Stripping should include grass, weeds, shrubs, and any organic topsoil located in the proposed improvement areas. The actual extent of site stripping should be determined in the field by the geotechnical engineer, based on the organic content and stability of the materials encountered.

Some demolition of the existing asphaltic concrete pavements and areas of Portland cement concrete may be required to facilitate the construction of the proposed improvements. Demolition should include any subsurface improvements that will not remain in place with the new development. Debris resultant from demolition should also be disposed of off-site. Alternatively, concrete and asphalt debris may be pulverized to a maximum 2-inch particle size, well-mixed with sands, and placed as new compacted structural fill or it may be crushed and made into crushed miscellaneous base (CMB).

Treatment of Existing Soils: Pavement Areas

Subgrade preparation in the new pavement areas should initially consist of removal of all soils disturbed during demolition operations. The geotechnical engineer should then evaluate the subgrade to identify any areas of unsuitable soils. The subgrade soils should then be scarified to a depth of 12± inches, moisture conditioned to 2 to 4 percent above optimum moisture content, and recompacted to at least 90 percent of the ASTM D-1557 maximum dry density.

Fill Placement

- Fill soils should be placed in thin (6± inches), near-horizontal lifts, moisture conditioned to 2 to 4 percent above optimum moisture content, and compacted.
- On-site soils may be used for fill provided they are cleaned of any debris to the satisfaction of the geotechnical engineer.

- All grading and fill placement activities should be completed in accordance with the requirements of the 2022 California Building Code and the requirements of the City of Perris.
- All fill soils should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density. Fill soils should be well mixed.
- Compaction tests should be performed periodically by the geotechnical engineer as random verification of compaction and moisture content. These tests are intended to aid the contractor. Since the tests are taken at discrete locations and depths, they may not be indicative of the entire fill and therefore should not relieve the contractor of his responsibility to meet the job specifications.

Imported Structural Fill

All imported structural fill should consist of very low expansive (EI < 20), well graded soils possessing at least 10 percent fines (that portion of the sample passing the No. 200 sieve). Additional specifications for structural fill are presented in the enclosed Grading Guide Specifications.

Utility Trench Backfill

In general, all utility trench backfill soils should be compacted to at least 90 percent of the ASTM D-1557 maximum dry density. It is recommended that materials in excess of 3 inches in size not be used for utility trench backfill. Compacted trench backfill should conform to the requirements of the local grading code, and more restrictive requirements may be indicated by the city of Perris. All utility trench backfills should be witnessed by the geotechnical engineer. The trench backfill soils should be compaction tested where possible; probed and visually evaluated elsewhere.

Construction Considerations

Moisture Sensitive Subgrade Soils

Most of the near-surface soils possess appreciable silt content and will become unstable if exposed to significant moisture infiltration or disturbance by construction traffic. In addition, based on their granular content, some of the on-site soils will be susceptible to erosion. Therefore, the site should be graded to prevent ponding of surface water and to prevent water from running into excavations.

Excavation Considerations

The near surface fill soils generally consist medium dense silty sands and sandy clays. Based on their granular composition, some caving of shallow excavations may occur. Where caving occurs within shallow excavations, flattened excavation slopes may be sufficient to provide excavation stability. On a preliminary basis, temporary excavation slopes should be made no steeper than 1.5h:1v. Deeper excavations may require some form of external stabilization such as shoring, trench shields, or bracing. Maintaining adequate moisture content within the near surface soils will improve excavation stability. All excavation activities on this site should be conducted in accordance with Cal-OSHA regulations.

Groundwater

The static groundwater table is considered to have existed at depths greater than 20± feet at the time of the subsurface exploration. Therefore, groundwater is not expected to impact the proposed grading or excavations performed for utility construction.

Temporary Shoring Recommendations

It is expected that shoring may be required during excavation for the storm drain line along portions of the existing street segments. The following recommendations assume that the retained soil heights will extend to depths of 10 to 15± feet and any surcharge loads will be setback at least 10 feet from the face of the shoring. Based on the potential for various sources of surcharge loads on a construction site, such as the subject project, potential construction surcharge loads must be considered by the shoring engineer. It is expected that the shoring will consist of a soldier pile and lagging system.

The proposed shoring is also expected to be required in order to protect the existing utility lines located on the proposed storm drain line alignment. The contractor should take all necessary precautions to maintain the integrity of any existing underground lines.

Lateral Earth Pressures

The gradient behind the shoring system will be relatively level. Based on the assumed type of shoring, a triangular earth pressure distribution is considered appropriate. Plate 3 included in this report illustrates the at-rest and active lateral earth pressure distributions. As shown on Plate 3, the at-rest and active pressures to be used in the shoring design should be 56H and 36H, respectively. These distributions are based on static conditions.

As previously discussed, if surcharge loads are imposed upon the shoring, they must be considered by the shoring engineer. In accordance with the Caltrans Trenching and Shoring Manual, a construction surcharge of 72 lbs/ft^2, per foot of depth, should also be applied to the back of the shoring system, extending to a depth of 10 feet below the top of the shoring system or to the excavation line, whichever is less. These loads assume normal construction traffic, consisting of lightly loaded vehicles and storage of small amounts of materials. If large stockpiles of soil, concentrated pallet loads, or crane loads are expected, SCG should be contacted for additional surcharge load recommendations. In the areas where automobile traffic is anticipated within 10 feet of the back of the shoring system, a traffic surcharge load of 250 lbs/ft^2 should be utilized in place of the construction load described above. These loads are considered to be rectangular distributions acting at the back of the shoring system. The passive resistance value of the soil below the level of excavation may be assumed to be 350 lbs/ft^2, per foot of depth, to a maximum of 3,000 lbs/ft^2.

Shoring Construction

If soldier piles are utilized, they should be spaced no closer than 3 times the nominal soldier pile diameter. The contractor should take all necessary provisions to assure firm contact between the retained soils and the shoring system. A 2-sack cement slurry may be used to fill voids where inadequate contact between the shoring system and the retained soils are observed.

Since the shoring system will be designed as a cantilever wall, some deflection will occur. In order to develop the full active pressure, a deflection of ¼ to ½ inch is expected to occur at the top of

the shoring system. The design of the shoring system as well as the protection of adjacent improvements should take this deflection into consideration.

Pavement Design Recommendations

Site preparation in the pavement area should be completed as previously recommended in the ***Site Grading Recommendations*** section of this report. The subsequent pavement recommendations assume proper drainage and construction monitoring, and are based on either PCA or CALTRANS design parameters for a twenty (20) year design period. However, these designs also assume a routine pavement maintenance program to obtain the anticipated 20-year pavement service life.

Pavement Subgrades

It is anticipated that the new pavements will be primarily supported on a layer of compacted structural fill, consisting of scarified, thoroughly moisture conditioned and recompacted existing soils. The on-site soils generally consist of silty sands and clayey sands. These materials possess fair pavement support characteristics, with R-value test results ranging from 33 to 42. Based on the variation in composition of the encountered subgrade soils, and results of the R-value testing, the following pavement design was performed using an R-value of 30. Any fill material imported to the site should have support characteristics equal to or greater than that of the on-site soils and be placed and compacted under engineering-controlled conditions. It may be desirable to perform R-value testing after the completion of rough grading to verify the R-value of the as-graded parking subgrade.

Asphaltic Concrete

Presented below are the recommended thicknesses for new flexible pavement structures consisting of asphaltic concrete over a granular base. The pavement designs are based on the traffic indices (TI's) indicated. The client and/or civil engineer should verify that these TI's are representative of the anticipated traffic volumes and acceptable to the county of San Bernardino. If the client and/or civil engineer determine that the expected traffic volume will exceed the applicable traffic index, we should be contacted for supplementary recommendations. The design traffic indices equate to the following approximate daily traffic volumes over a 20-year design life, assuming six operational traffic days per week.

ASPHALTIC CONCRETE PAVEMENTS (R = 30)					
Materials	**Truck Traffic**				
	TI = 8.0	TI = 9.0	TI = 10.0	TI = 11.0	TI = 12.0
Asphaltic Concrete	5	5½	6½	7	8
Aggregate Base	11	13	14	16	18
Compacted Subgrade	12	12	12	12	12

The aggregate base course should be compacted to at least 95 percent of the ASTM D-1557 maximum dry density. The asphaltic concrete should be compacted to at least 95 percent of the Marshall maximum density, as determined by ASTM D-2726. The aggregate base course may

consist of crushed aggregate base (CAB) or crushed miscellaneous base (CMB), which is a recycled gravel, asphalt and concrete material. The gradation, R-Value, Sand Equivalent, and Percentage Wear of the CAB or CMB should comply with appropriate specifications contained in the current edition of the "Greenbook" Standard Specifications for Public Works Construction.

Portland Cement Concrete

The preparation of the subgrade soils within concrete pavement areas should be performed as previously described for proposed asphalt pavement areas. The minimum recommended thicknesses for the Portland Cement Concrete pavement sections are as follows:

PORTLAND CEMENT PAVEMENTS (R = 30)					
Materials	**Truck Traffic**				
	TI = 8.0	TI = 9.0	TI = 10.0	TI = 11.0	TI = 12.0
Concrete	6½	8.0	9.0	10.0	11.5
Compacted Subgrade (95% minimum compaction)	12	12	12	12	12

The concrete should have a 28-day compressive strength of at least 3,000 psi. The maximum joint spacing within all of the PCC pavements is recommended to be equal to or less than 30 times the pavement thickness.

Closure

We sincerely appreciate the opportunity to be of continued service on this project. If we may be of further assistance in any manner, please contact our office.

Respectfully Submitted,

SOUTHERN CALIFORNIA GEOTECHNICAL, INC.

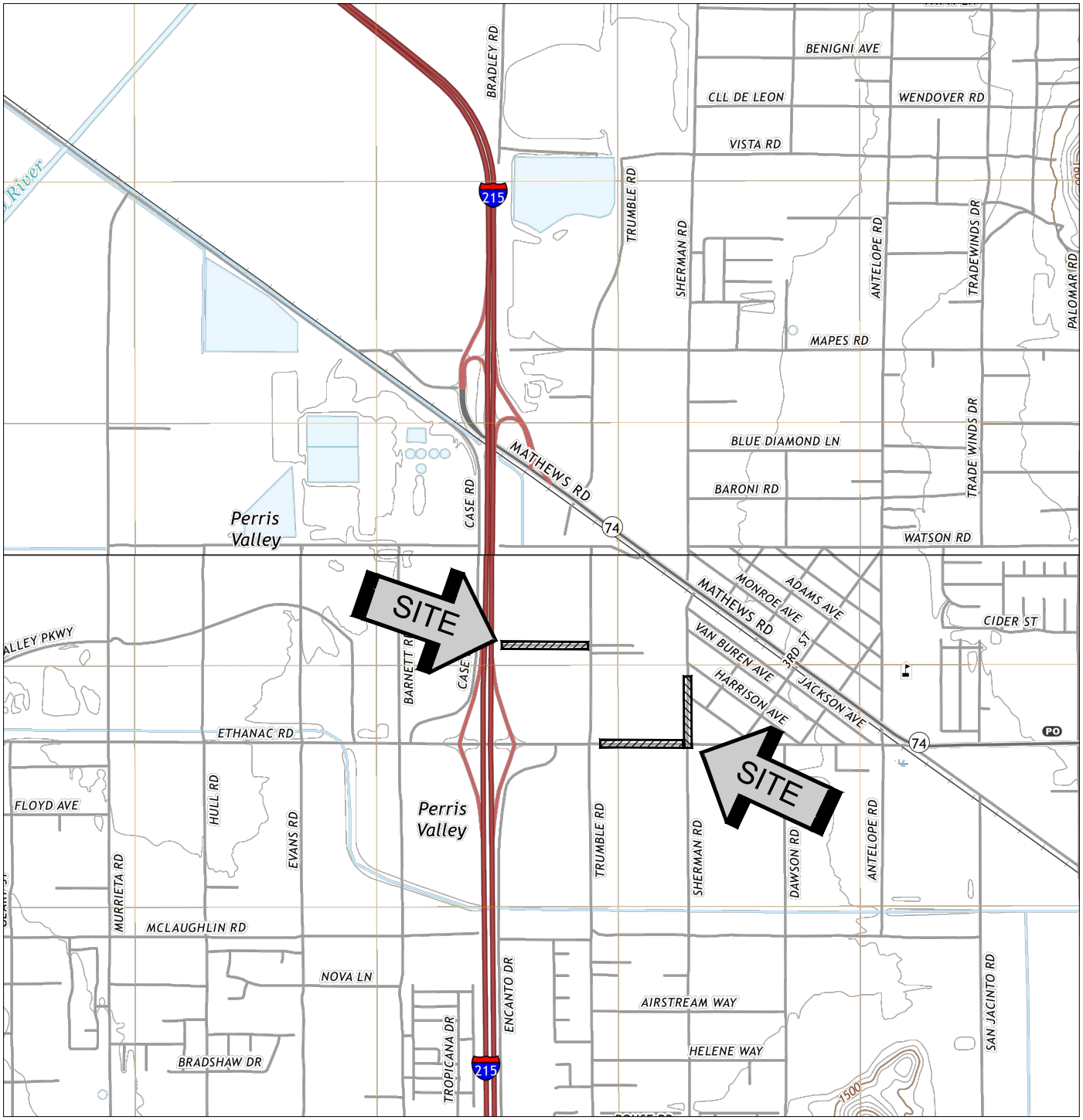
Pablo Montes Jr.
Project Engineer

Robert G. Trazo, M.Sc., GE 2655
Principal Engineer



Distribution: (1) Addressee

Enclosures: Plate 1 – Site Map
Plate 2A and 2B – Boring Location Map
Plate 3 – Pressure Diagram for Shoring
Boring Log Legend and Logs (9 pages)
Plates C-1 through C-6 – Results of Laboratory Testing
Grading Guide Specifications



SOURCE: USGS TOPOGRAPHIC MAPS OF THE PERRIS AND ROMOLAND QUADRANGLE, RIVERSIDE COUNTY, CALIFORNIA, 2021.

SITE LOCATION MAP

ETHANAC ASSEMBLAGE - STREET IMPROVEMENTS

PERRIS, CALIFORNIA

SCALE: 1" = 2000'	
DRAWN: JJH CHKD: RGT	
SCG PROJECT 23G107-3	
PLATE 1	

SoCalGeo SOUTHERN CALIFORNIA GEOTECHNICAL



NORTH
SoCalGeo

NOTE: AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH

GEOTECHNICAL LEGEND

APPROXIMATE BORING LOCATION

BORING LOCATION PLAN

ETHANAC ASSEMBLAGE - STREET IMPROVEMENTS

PERRIS, CALIFORNIA

SCALE: 1" = 300'	
DRAWN: JJH CHKD: RGT	
SCG PROJECT 22G107-3	
PLATE 2A	SoCalGeo SOUTHERN CALIFORNIA GEOTECHNICAL



NOTE: AERIAL PHOTOGRAPH OBTAINED FROM GOOGLE EARTH

GEOTECHNICAL LEGEND

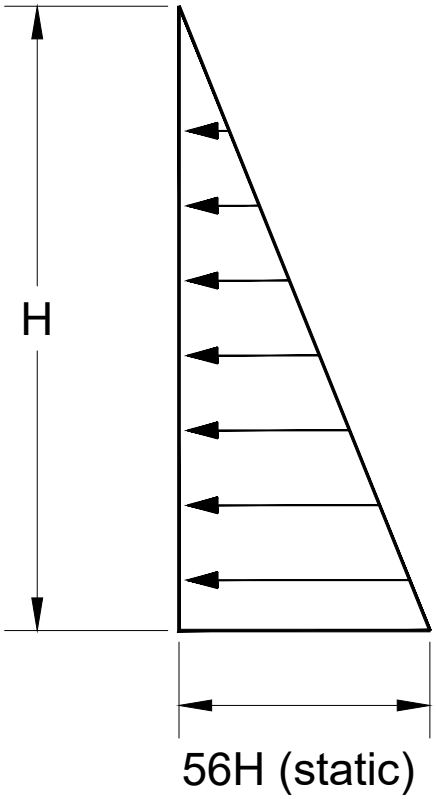
APPROXIMATE BORING LOCATION

BORING LOCATION PLAN

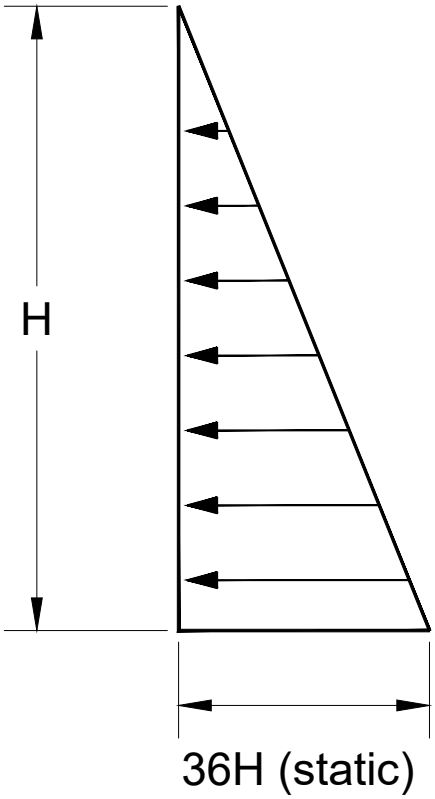
ETHANAC ASSEMBLAGE - STREET IMPROVEMENTS

PERRIS, CALIFORNIA

SCALE: 1" = 200'	SOUTHERN CALIFORNIA GEOTECHNICAL
DRAWN: JJH CHKD: RGT	
SCG PROJECT 22G107-3	
PLATE 2B	



AT-REST PRESSURE



ACTIVE PRESSURE

NOTES: THE LATERAL EARTH PRESSURES DEPICTED IN THIS DIAGRAM DO NOT INCLUDE ANY SURCHARGE LOADS.

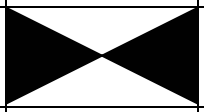
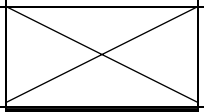
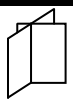
PRESSURE DIAGRAM FOR SHORING

NOT TO SCALE
DRAWN: PM CHKD: RGT
SCG PROJECT 22G107-3
PLATE 3

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL

BORING LOG LEGEND

SAMPLE TYPE	GRAPHICAL SYMBOL	SAMPLE DESCRIPTION
AUGER		SAMPLE COLLECTED FROM AUGER CUTTINGS, NO FIELD MEASUREMENT OF SOIL STRENGTH. (DISTURBED)
CORE		ROCK CORE SAMPLE: TYPICALLY TAKEN WITH A DIAMOND-TIPPED CORE BARREL. TYPICALLY USED ONLY IN HIGHLY CONSOLIDATED BEDROCK.
GRAB		SOIL SAMPLE TAKEN WITH NO SPECIALIZED EQUIPMENT, SUCH AS FROM A STOCKPILE OR THE GROUND SURFACE. (DISTURBED)
CS		CALIFORNIA SAMPLER: 2-1/2 INCH I.D. SPLIT BARREL SAMPLER, LINED WITH 1-INCH HIGH BRASS RINGS. DRIVEN WITH SPT HAMMER. (RELATIVELY UNDISTURBED)
NSR		NO RECOVERY: THE SAMPLING ATTEMPT DID NOT RESULT IN RECOVERY OF ANY SIGNIFICANT SOIL OR ROCK MATERIAL.
SPT		STANDARD PENETRATION TEST: SAMPLER IS A 1.4 INCH INSIDE DIAMETER SPLIT BARREL, DRIVEN 18 INCHES WITH THE SPT HAMMER. (DISTURBED)
SH		SHELBY TUBE: TAKEN WITH A THIN WALL SAMPLE TUBE, PUSHED INTO THE SOIL AND THEN EXTRACTED. (UNDISTURBED)
VANE		VANE SHEAR TEST: SOIL STRENGTH OBTAINED USING A 4 BLADED SHEAR DEVICE. TYPICALLY USED IN SOFT CLAYS-NO SAMPLE RECOVERED.

COLUMN DESCRIPTIONS

DEPTH: Distance in feet below the ground surface.

SAMPLE: Sample Type as depicted above.

BLOW COUNT: Number of blows required to advance the sampler 12 inches using a 140 lb hammer with a 30-inch drop. 50/3" indicates penetration refusal (>50 blows) at 3 inches. WH indicates that the weight of the hammer was sufficient to push the sampler 6 inches or more.

POCKET PEN.: Approximate shear strength of a cohesive soil sample as measured by pocket penetrometer.

GRAPHIC LOG: Graphic Soil Symbol as depicted on the following page.

DRY DENSITY: Dry density of an undisturbed or relatively undisturbed sample in lbs/ft^3.

MOISTURE CONTENT: Moisture content of a soil sample, expressed as a percentage of the dry weight.

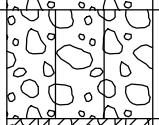
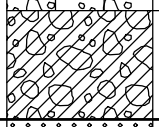
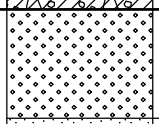
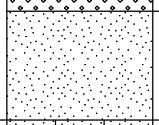
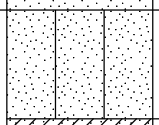
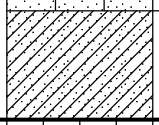
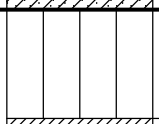
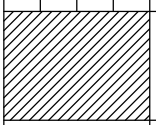
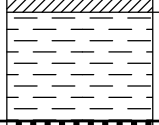
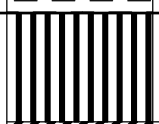
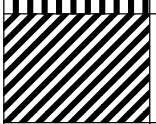
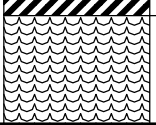
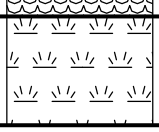
LIQUID LIMIT: The moisture content above which a soil behaves as a liquid.

PLASTIC LIMIT: The moisture content above which a soil behaves as a plastic.

PASSING #200 SIEVE: The percentage of the sample finer than the #200 standard sieve.

UNCONFINED SHEAR: The shear strength of a cohesive soil sample, as measured in the unconfined state.

SOIL CLASSIFICATION CHART

MAJOR DIVISIONS			SYMBOLS		TYPICAL DESCRIPTIONS
			GRAPH	LETTER	
COARSE GRAINED SOILS MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	GRAVEL AND GRAVELLY SOILS MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVELS (LITTLE OR NO FINES)		GW	WELL-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
				GP	POORLY-GRADED GRAVELS, GRAVEL - SAND MIXTURES, LITTLE OR NO FINES
		GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	CLEAN SANDS (LITTLE OR NO FINES)		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SAND, LITTLE OR NO FINES
		SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)		SM	SILTY SANDS, SAND - SILT MIXTURES
				SC	CLAYEY SANDS, SAND - CLAY MIXTURES
FINE GRAINED SOILS MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT LESS THAN 50		ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS	LIQUID LIMIT GREATER THAN 50		MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				CH	INORGANIC CLAYS OF HIGH PLASTICITY
				OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-1

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Ryan Bremer

WATER DEPTH: Dry
CAVE DEPTH: 15 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					Illinois Avenue Pavements:7½± inches of Asphaltic Concrete, over 4± inches Aggregate Base							
		9			FILL:: Brown Silty fine to medium Sand, mottled, loose-moist		12					
		82/11"			OLDER ALLUVIUM: Red Brown Silty fine to medium Sand, trace coarse Sand, very dense-moist		12					
5												
		49	4.5		Red Brown Silty Clay, trace fine to medium Sand, some calcareous veining, hard-moist to very moist		14					
		47	4.5				14					
10												
		36			Brown Silty fine to medium Sand, trace Clay, dense-moist to very moist		11					
15												
		43					14					
20												
					Boring Terminated at 20'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG

PLATE B-1

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-2

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Ryan Bremer

WATER DEPTH: Dry
CAVE DEPTH: 15 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					Illinois Avenue Pavements:5± inches of Asphaltic Concrete, over 8± inches Aggregate Base							
		29			FILL:: Brown Clayey fine to medium Sand, little Silt, loose to medium dense-moist to very moist	121	13					SE = 13 @ 1-2'
		14				115	15					
5		73/9"			OLDER ALLUVIUM: Brown Clayey fine to medium Sand, some Silt, very dense-moist	124	12					
		77/11"				122	13					
		75/11"			Brown Silty fine to coarse Sand, trace Clay, very dense-moist	123	11					
10												
					Brown fine to medium Sandy Clay, some Silt, trace coarse Sand, very stiff-very moist							
		44	4.0			116	19					
15												
					Brown Silty fine to medium Sand, little Clay, very dense-very moist							
		71/11"				110	17					
20												
					Boring Terminated at 20'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG

PLATE B-2

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-3

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hollow Stem Auger
LOGGED BY: Ryan Bremer

WATER DEPTH: Dry
CAVE DEPTH: 16 feet
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					Illinois Avenue Pavements:5± inches of Asphaltic Concrete, over 7± inches Aggregate Base							
		20			FILL:: Brown Silty fine to medium Sand, little coarse Sand, little fine Gravel, medium dense to very dense-moist		12					SE = 14 @ 1-5'
		66/11"					12			31		
5												
		43			OLDER ALLUVIUM: Brown Clayey fine to medium Sand, some Silt, loose to very dense-moist		12					
		9					13					
10												
		37					12					
15												
		40					13					
20					Boring Terminated at 20'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG **PLATE B-3**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-4

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hand Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: N/A
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					FILL: Brown Silty fine Sand, little Clay, trace medium to coarse Sand, medium dense-very moist		16					
					OLDER ALLUVIUM: Brown Silty fine to medium Sand, trace coarse Sand, trace Clay, medium dense-very moist		20					
5					Boring Terminated at 5'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG **PLATE B-4**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-5

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hand Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: N/A
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					FILL: Brown Silty fine Sand, little Clay, medium dense-moist		8					
					OLDER ALLUVIUM: Brown Silty fine to medium Sand, little coarse Sand, medium dense-moist		11					
5					Boring Terminated at 5'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG **PLATE B-5**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-6

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hand Auger
LOGGED BY: Joey Hernandez

WATER DEPTH: Dry
CAVE DEPTH: N/A
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					OLDER ALLUVIUM: Brown Silty fine Sand, trace medium to coarse Sand, trace fine root fibers, medium dense-very moist		15					
							14					
5					Boring Terminated at 5'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG **PLATE B-6**

SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

BORING NO. B-7

JOB NO.: 22G107-3
PROJECT: Ethanac Assemblage - Street Imp.
LOCATION: Perris, California

DRILLING DATE: 3/27/23
DRILLING METHOD: Hand Auger
LOGGED BY: Joey Hernandez

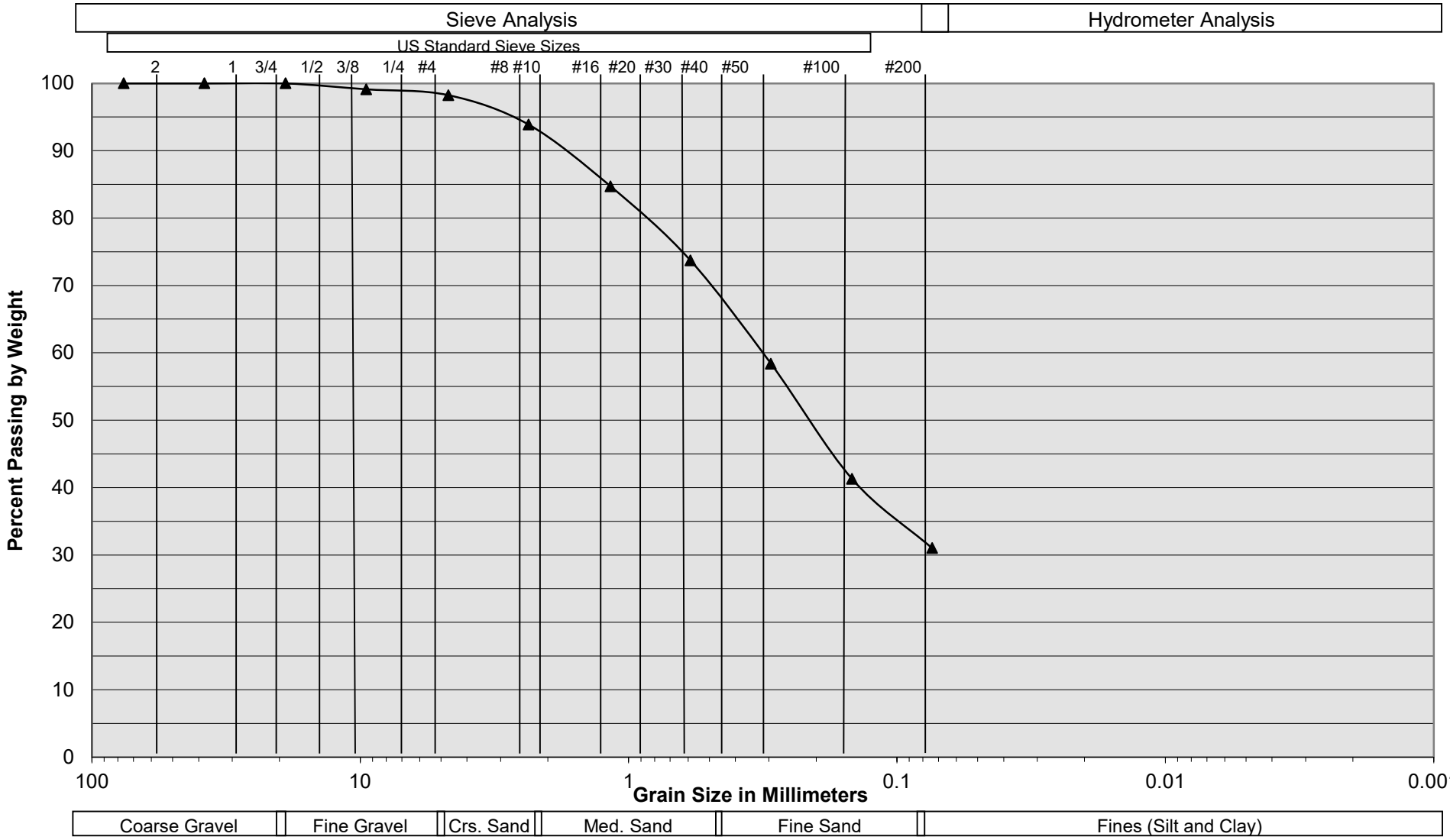
WATER DEPTH: Dry
CAVE DEPTH: N/A
READING TAKEN: At Completion

FIELD RESULTS						LABORATORY RESULTS						
DEPTH (FEET)	SAMPLE	BLOW COUNT	POCKET PEN. (TSF)	GRAPHIC LOG	DESCRIPTION SURFACE ELEVATION: MSL	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	LIQUID LIMIT	PLASTIC LIMIT	PASSING #200 SIEVE (%)	ORGANIC CONTENT (%)	COMMENTS
					OLDER ALLUVIUM: Brown Clayey fine Sand, little Silt, trace medium to coarse Sand, trace fine root fibers, medium dense-moist		12					
							12					
5					Boring Terminated at 5'							

TBL 22G107-3.GPJ SOCALGEO.GDT 5/1/23

TEST BORING LOG **PLATE B-7**

Grain Size Distribution

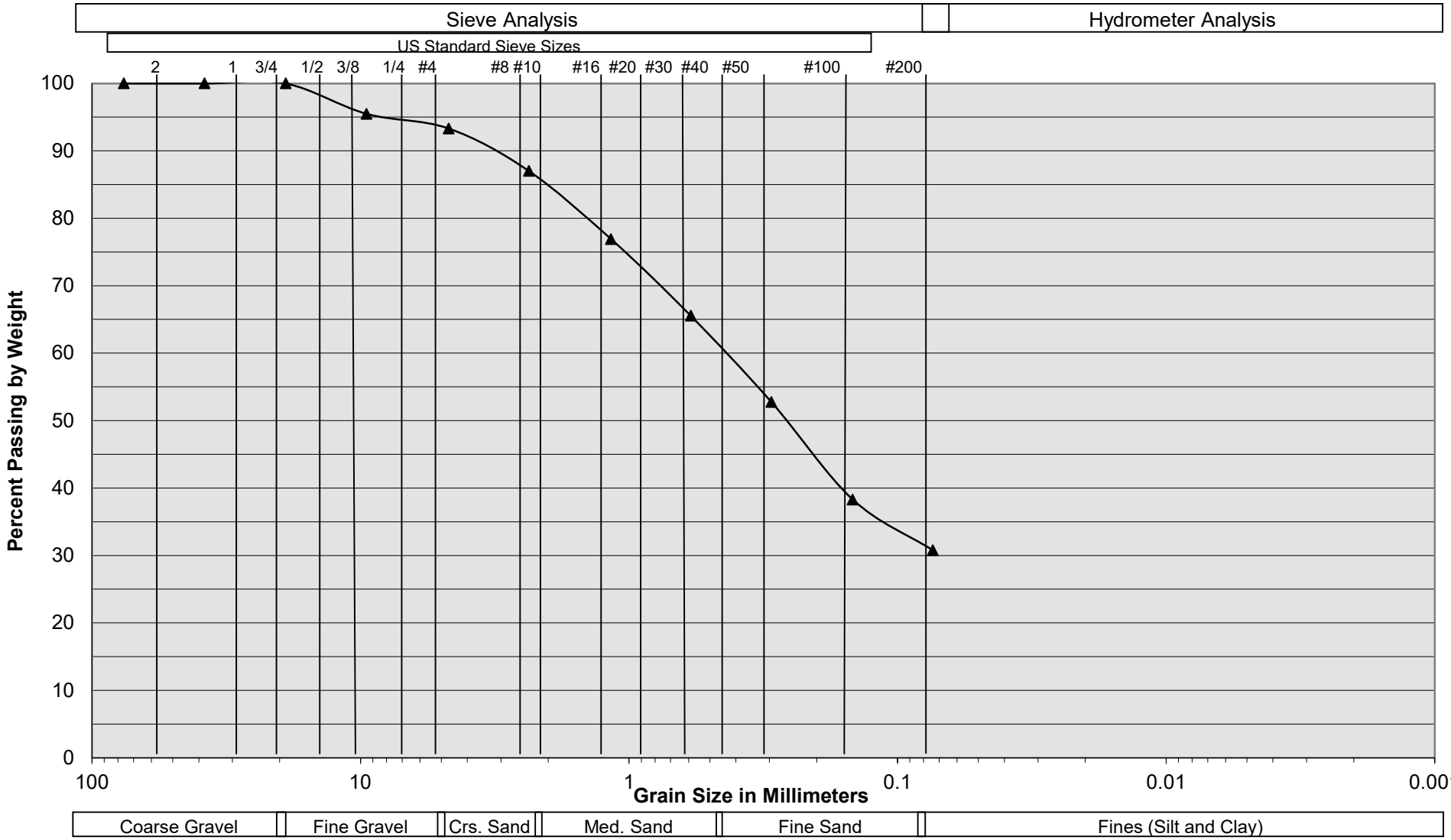


Sample Description	B-1 @ 3½ to 5 feet
Soil Classification	Red Brown Silty fine to medium Sand, trace coarse Sand

Ethanac Assemblage - Street Improvements
Perris, CA
Project No. 22G107-3
PLATE C- 1

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Grain Size Distribution

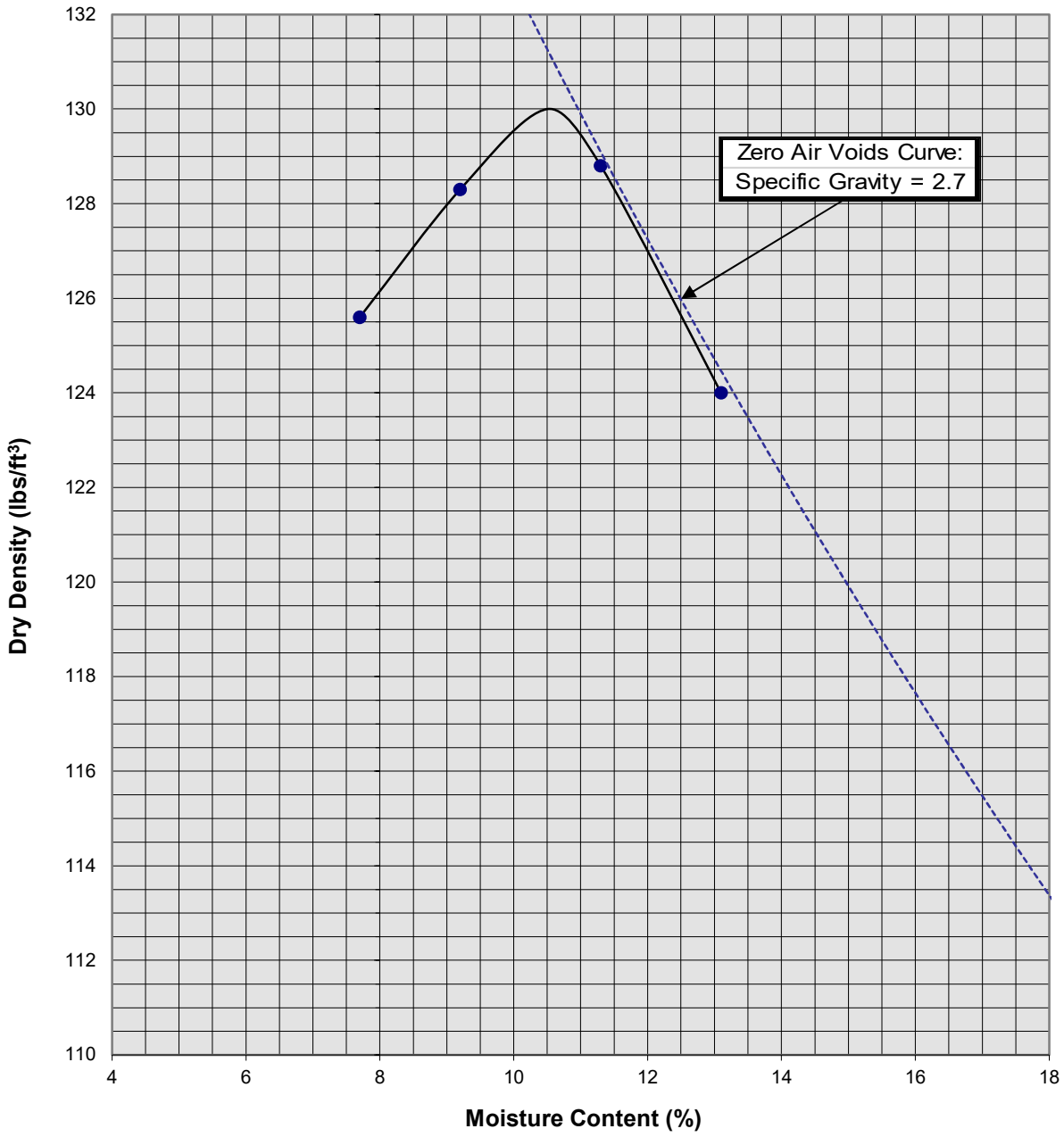


Sample Description	B-3 @ 3½ to 5 feet
Soil Classification	Brown Silty fine to medium Sand, little coarse Sand, little fine Gravel

Ethanac Assemblage - Street Improvements
Perris, CA
Project No. 22G107-3
PLATE C- 2

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Moisture/Density Relationship
ASTM D-1557



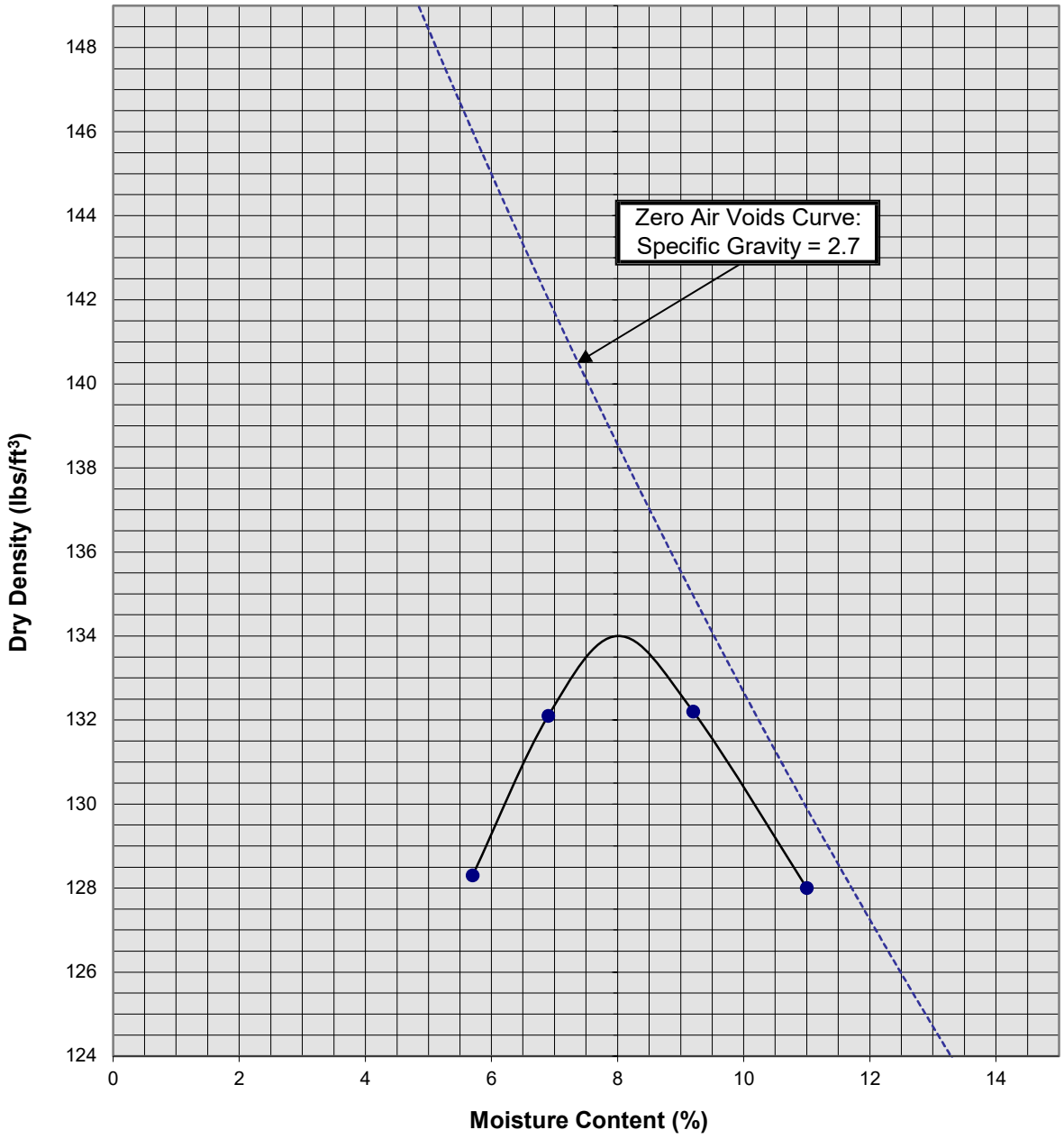
Soil ID Number	B-1 @ 1-5
Optimum Moisture (%)	10.5
Maximum Dry Density (pcf)	130
Soil Classification	Brown Silty fine to medium Sand

Ethanac Assemblage - Street Improvements
Perris, California
Project No. 22G107-3

PLATE C-3

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Moisture/Density Relationship
ASTM D-1557

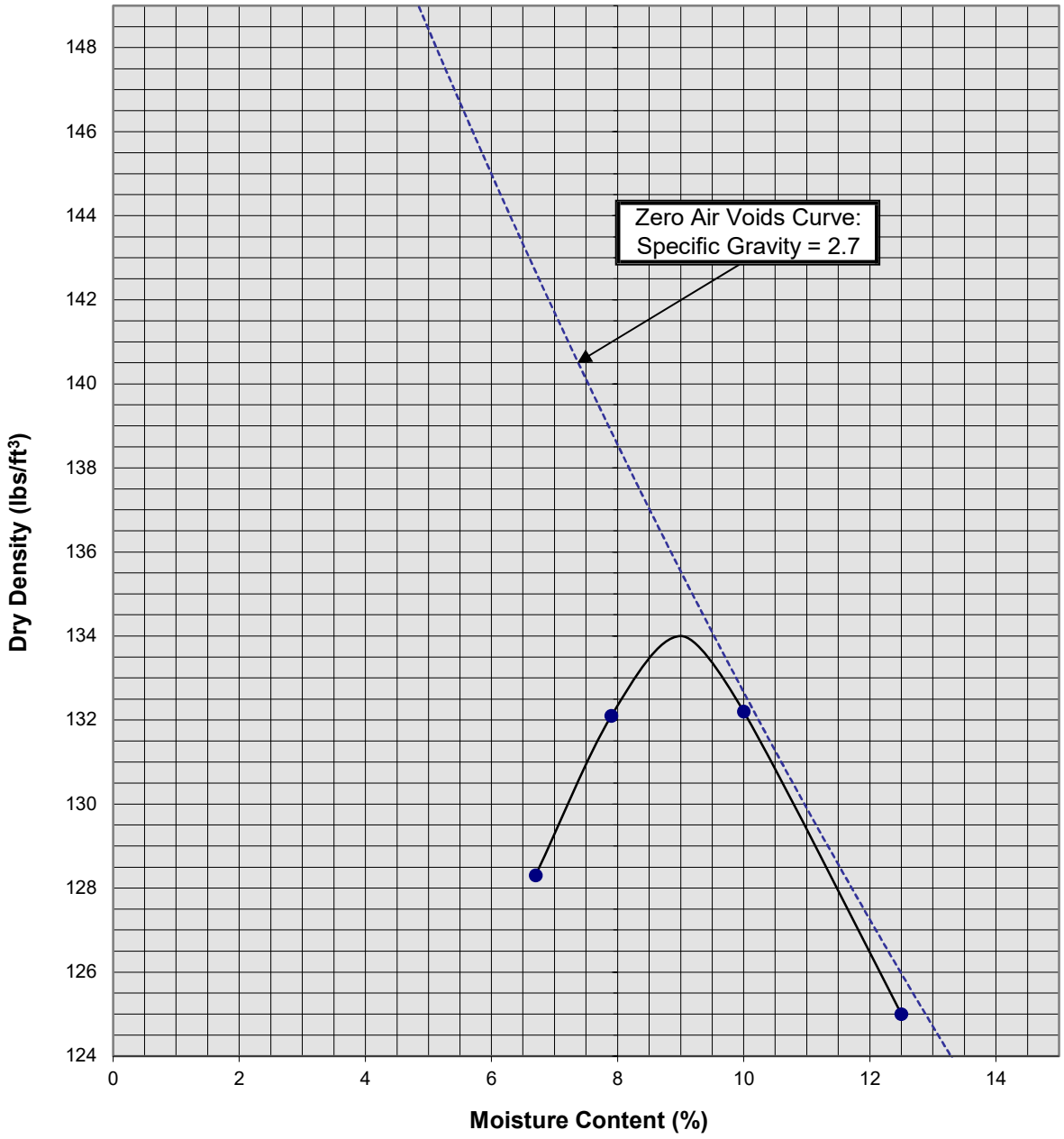


Soil ID Number	B-5 @ 1-5
Optimum Moisture (%)	8
Maximum Dry Density (pcf)	134
Soil Classification	Brown Silty fine to coarse Sand, little Clay

Ethanac Assemblage - Street Improvements
Perris, California
Project No. 22G107-3
PLATE C-4

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
A California Corporation

Moisture/Density Relationship
ASTM D-1557



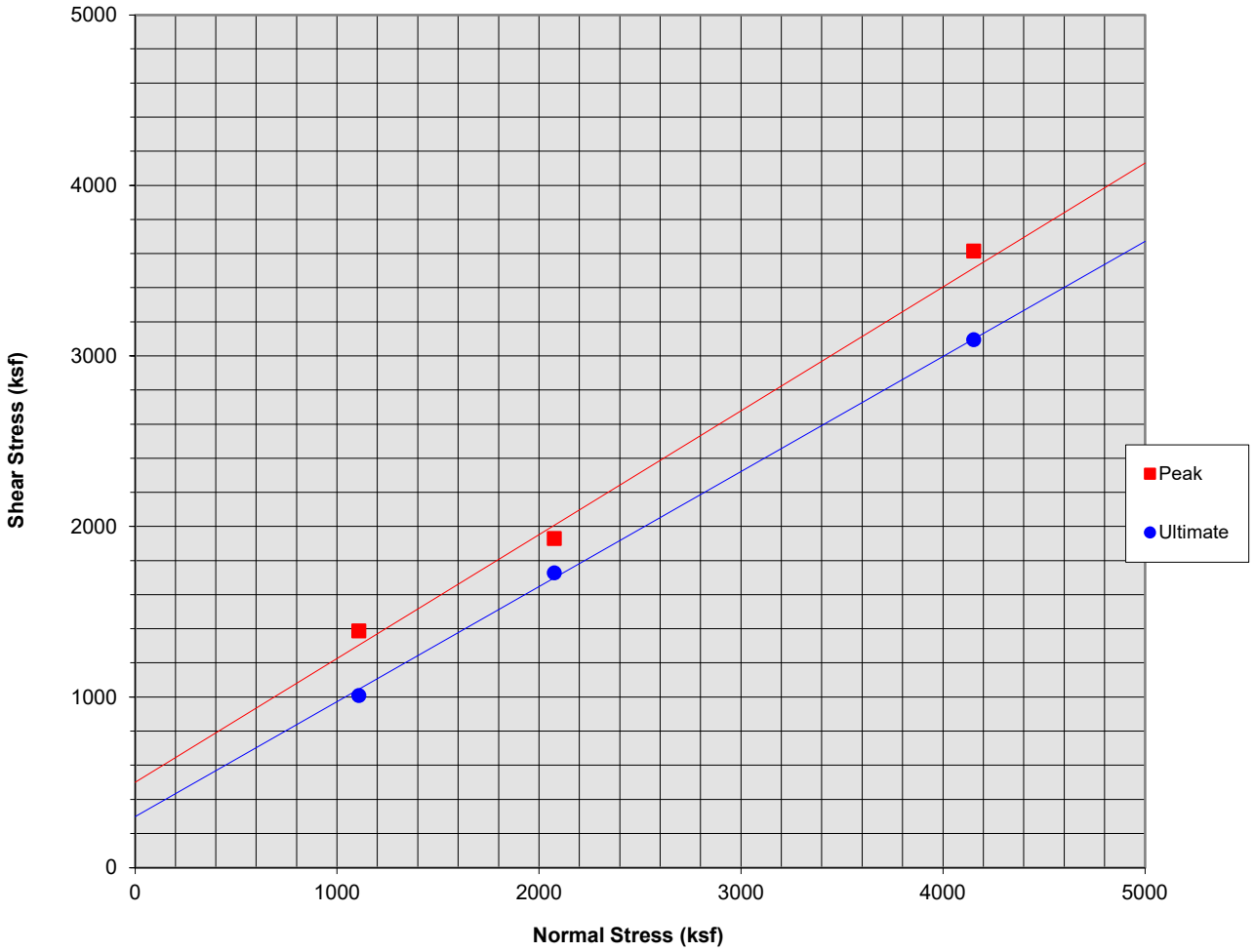
Soil ID Number	B-7 @ 1-5
Optimum Moisture (%)	9
Maximum Dry Density (pcf)	134
Soil Classification	Brown Clayey fine Sand, little Silt, trace medium to coarse Sand

Ethanac Assemblage - Street Improvements
Perris, California
Project No. 22G107-3

PLATE C-5

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
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Direct Shear Test Results
(Undisturbed)



Sample Description: B-2 @ 3 to 4 feet

Classification: Brown Clayey fine to medium Sand, little Silt

Sample Data		Test Results		
Initial Moisture Content	15.0			
Final Moisture Content	18.0		Peak	Ultimate
Initial Dry Density	115.0	ϕ (°)	36.0	34.0
Final Dry Density	--	**C** (psf)	500	300
Specimen Diameter (in)	2.4			
Specimen Thickness (in)	1.0			

Ethanac Assemblage - Street Improvements
Perris, California
Project No. 22G107-3

PLATE C- 6

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL
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GRADING GUIDE SPECIFICATIONS

These grading guide specifications are intended to provide typical procedures for grading operations. They are intended to supplement the recommendations contained in the geotechnical investigation report for this project. Should the recommendations in the geotechnical investigation report conflict with the grading guide specifications, the more site specific recommendations in the geotechnical investigation report will govern.

General

- The Earthwork Contractor is responsible for the satisfactory completion of all earthwork in accordance with the plans and geotechnical reports, and in accordance with city, county, and applicable building codes.

- The Geotechnical Engineer is the representative of the Owner/Builder for the purpose of implementing the report recommendations and guidelines. These duties are not intended to relieve the Earthwork Contractor of any responsibility to perform in a workman-like manner, nor is the Geotechnical Engineer to direct the grading equipment or personnel employed by the Contractor.

- The Earthwork Contractor is required to notify the Geotechnical Engineer of the anticipated work and schedule so that testing and inspections can be provided. If necessary, work may be stopped and redone if personnel have not been scheduled in advance.

- The Earthwork Contractor is required to have suitable and sufficient equipment on the job-site to process, moisture condition, mix and compact the amount of fill being placed to the approved compaction. In addition, suitable support equipment should be available to conform with recommendations and guidelines in this report.

- Canyon cleanouts, overexcavation areas, processed ground to receive fill, key excavations, subdrains and benches should be observed by the Geotechnical Engineer prior to placement of any fill. It is the Earthwork Contractor's responsibility to notify the Geotechnical Engineer of areas that are ready for inspection.

- Excavation, filling, and subgrade preparation should be performed in a manner and sequence that will provide drainage at all times and proper control of erosion. Precipitation, springs, and seepage water encountered shall be pumped or drained to provide a suitable working surface. The Geotechnical Engineer must be informed of springs or water seepage encountered during grading or foundation construction for possible revision to the recommended construction procedures and/or installation of subdrains.

Site Preparation

- The Earthwork Contractor is responsible for all clearing, grubbing, stripping and site preparation for the project in accordance with the recommendations of the Geotechnical Engineer.

- If any materials or areas are encountered by the Earthwork Contractor which are suspected of having toxic or environmentally sensitive contamination, the Geotechnical Engineer and Owner/Builder should be notified immediately.

- Major vegetation should be stripped and disposed of off-site. This includes trees, brush, heavy grasses and any materials considered unsuitable by the Geotechnical Engineer.

- Underground structures such as basements, cesspools or septic disposal systems, mining shafts, tunnels, wells and pipelines should be removed under the inspection of the Geotechnical Engineer and recommendations provided by the Geotechnical Engineer and/or city, county or state agencies. If such structures are known or found, the Geotechnical Engineer should be notified as soon as possible so that recommendations can be formulated.

- Any topsoil, slopewash, colluvium, alluvium and rock materials which are considered unsuitable by the Geotechnical Engineer should be removed prior to fill placement.

- Remaining voids created during site clearing caused by removal of trees, foundations basements, irrigation facilities, etc., should be excavated and filled with compacted fill.

- Subsequent to clearing and removals, areas to receive fill should be scarified to a depth of 10 to 12 inches, moisture conditioned and compacted

- The moisture condition of the processed ground should be at or slightly above the optimum moisture content as determined by the Geotechnical Engineer. Depending upon field conditions, this may require air drying or watering together with mixing and/or discing.

Compacted Fills

- Soil materials imported to or excavated on the property may be utilized in the fill, provided each material has been determined to be suitable in the opinion of the Geotechnical Engineer. Unless otherwise approved by the Geotechnical Engineer, all fill materials shall be free of deleterious, organic, or frozen matter, shall contain no chemicals that may result in the material being classified as “contaminated,” and shall be very low to non-expansive with a maximum expansion index (EI) of 50. The top 12 inches of the compacted fill should have a maximum particle size of 3 inches, and all underlying compacted fill material a maximum 6-inch particle size, except as noted below.

- All soils should be evaluated and tested by the Geotechnical Engineer. Materials with high expansion potential, low strength, poor gradation or containing organic materials may require removal from the site or selective placement and/or mixing to the satisfaction of the Geotechnical Engineer.

- Rock fragments or rocks less than 6 inches in their largest dimensions, or as otherwise determined by the Geotechnical Engineer, may be used in compacted fill, provided the distribution and placement is satisfactory in the opinion of the Geotechnical Engineer.

- Rock fragments or rocks greater than 12 inches should be taken off-site or placed in accordance with recommendations and in areas designated as suitable by the Geotechnical Engineer. These materials should be placed in accordance with Plate D-8 of these Grading Guide Specifications and in accordance with the following recommendations:

    - Rocks 12 inches or more in diameter should be placed in rows at least 15 feet apart, 15 feet from the edge of the fill, and 10 feet or more below subgrade. Spaces should be left between each rock fragment to provide for placement and compaction of soil around the fragments.

    - Fill materials consisting of soil meeting the minimum moisture content requirements and free of oversize material should be placed between and over the rows of rock or

concrete. Ample water and compactive effort should be applied to the fill materials as they are placed in order that all of the voids between each of the fragments are filled and compacted to the specified density.

- Subsequent rows of rocks should be placed such that they are not directly above a row placed in the previous lift of fill. A minimum 5-foot offset between rows is recommended.

- To facilitate future trenching, oversized material should not be placed within the range of foundation excavations, future utilities or other underground construction unless specifically approved by the soil engineer and the developer/owner representative.

- Fill materials approved by the Geotechnical Engineer should be placed in areas previously prepared to receive fill and in evenly placed, near horizontal layers at about 6 to 8 inches in loose thickness, or as otherwise determined by the Geotechnical Engineer for the project.

- Each layer should be moisture conditioned to optimum moisture content, or slightly above, as directed by the Geotechnical Engineer. After proper mixing and/or drying, to evenly distribute the moisture, the layers should be compacted to at least 90 percent of the maximum dry density in compliance with ASTM D-1557-78 unless otherwise indicated.

- Density and moisture content testing should be performed by the Geotechnical Engineer at random intervals and locations as determined by the Geotechnical Engineer. These tests are intended as an aid to the Earthwork Contractor, so he can evaluate his workmanship, equipment effectiveness and site conditions. The Earthwork Contractor is responsible for compaction as required by the Geotechnical Report(s) and governmental agencies.

- Fill areas unused for a period of time may require moisture conditioning, processing and recompaction prior to the start of additional filling. The Earthwork Contractor should notify the Geotechnical Engineer of his intent so that an evaluation can be made.

- Fill placed on ground sloping at a 5-to-1 inclination (horizontal-to-vertical) or steeper should be benched into bedrock or other suitable materials, as directed by the Geotechnical Engineer. Typical details of benching are illustrated on Plates D-2, D-4, and D-5.

- Cut/fill transition lots should have the cut portion overexcavated to a depth of at least 3 feet and rebuilt with fill (see Plate D-1), as determined by the Geotechnical Engineer.

- All cut lots should be inspected by the Geotechnical Engineer for fracturing and other bedrock conditions. If necessary, the pads should be overexcavated to a depth of 3 feet and rebuilt with a uniform, more cohesive soil type to impede moisture penetration.

- Cut portions of pad areas above buttresses or stabilizations should be overexcavated to a depth of 3 feet and rebuilt with uniform, more cohesive compacted fill to impede moisture penetration.

- Non-structural fill adjacent to structural fill should typically be placed in unison to provide lateral support. Backfill along walls must be placed and compacted with care to ensure that excessive unbalanced lateral pressures do not develop. The type of fill material placed adjacent to below grade walls must be properly tested and approved by the Geotechnical Engineer with consideration of the lateral earth pressure used in the design.

Foundations

- The foundation influence zone is defined as extending one foot horizontally from the outside edge of a footing, and proceeding downward at a ½ horizontal to 1 vertical (0.5:1) inclination.

- Where overexcavation beneath a footing subgrade is necessary, it should be conducted so as to encompass the entire foundation influence zone, as described above.

- Compacted fill adjacent to exterior footings should extend at least 12 inches above foundation bearing grade. Compacted fill within the interior of structures should extend to the floor subgrade elevation.

Fill Slopes

- The placement and compaction of fill described above applies to all fill slopes. Slope compaction should be accomplished by overfilling the slope, adequately compacting the fill in even layers, including the overfilled zone and cutting the slope back to expose the compacted core

- Slope compaction may also be achieved by backrolling the slope adequately every 2 to 4 vertical feet during the filling process as well as requiring the earth moving and compaction equipment to work close to the top of the slope. Upon completion of slope construction, the slope face should be compacted with a sheepsfoot connected to a sideboom and then grid rolled. This method of slope compaction should only be used if approved by the Geotechnical Engineer.

- Sandy soils lacking in adequate cohesion may be unstable for a finished slope condition and therefore should not be placed within 15 horizontal feet of the slope face.

- All fill slopes should be keyed into bedrock or other suitable material. Fill keys should be at least 15 feet wide and inclined at 2 percent into the slope. For slopes higher than 30 feet, the fill key width should be equal to one-half the height of the slope (see Plate D-5).

- All fill keys should be cleared of loose slough material prior to geotechnical inspection and should be approved by the Geotechnical Engineer and governmental agencies prior to filling.

- The cut portion of fill over cut slopes should be made first and inspected by the Geotechnical Engineer for possible stabilization requirements. The fill portion should be adequately keyed through all surficial soils and into bedrock or suitable material. Soils should be removed from the transition zone between the cut and fill portions (see Plate D-2).

Cut Slopes

- All cut slopes should be inspected by the Geotechnical Engineer to determine the need for stabilization. The Earthwork Contractor should notify the Geotechnical Engineer when slope cutting is in progress at intervals of 10 vertical feet. Failure to notify may result in a delay in recommendations.

- Cut slopes exposing loose, cohesionless sands should be reported to the Geotechnical Engineer for possible stabilization recommendations.

- All stabilization excavations should be cleared of loose slough material prior to geotechnical inspection. Stakes should be provided by the Civil Engineer to verify the location and dimensions of the key. A typical stabilization fill detail is shown on Plate D-5.

- Stabilization key excavations should be provided with subdrains. Typical subdrain details are shown on Plates D-6.

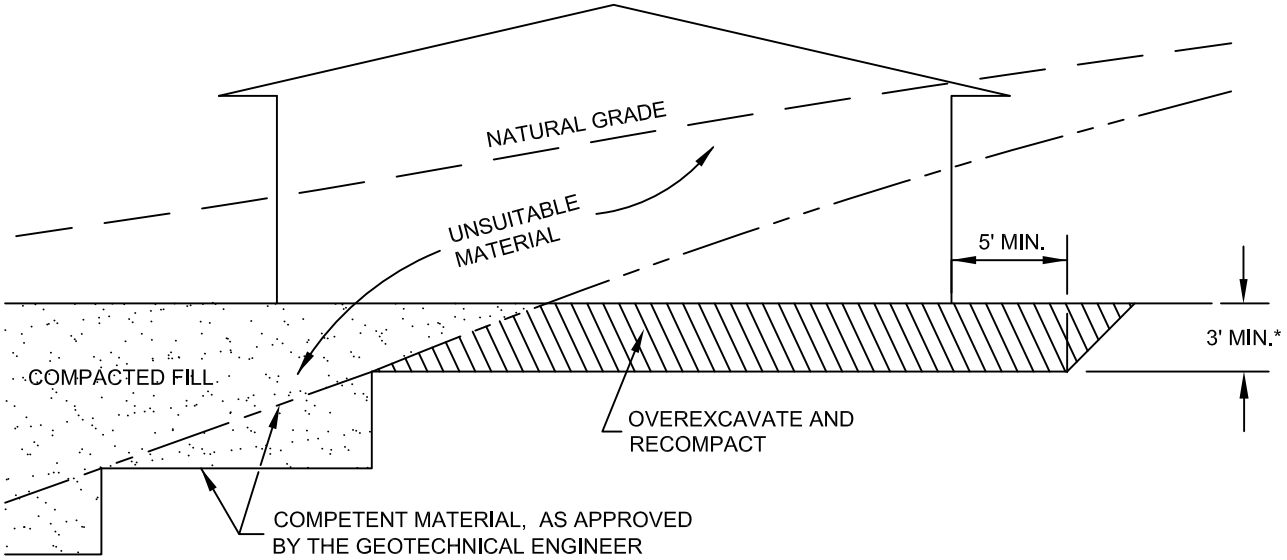
Subdrains

- Subdrains may be required in canyons and swales where fill placement is proposed. Typical subdrain details for canyons are shown on Plate D-3. Subdrains should be installed after approval of removals and before filling, as determined by the Soils Engineer.

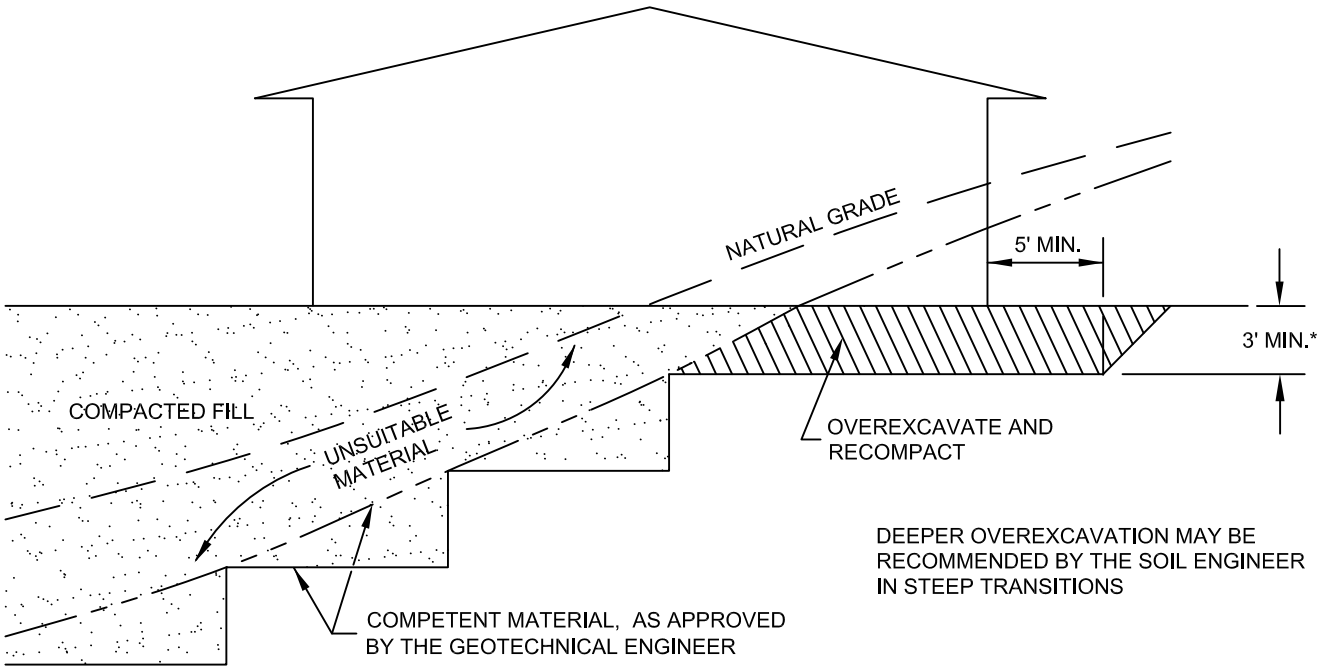
- Plastic pipe may be used for subdrains provided it is Schedule 40 or SDR 35 or equivalent. Pipe should be protected against breakage, typically by placement in a square-cut (backhoe) trench or as recommended by the manufacturer.

- Filter material for subdrains should conform to CALTRANS Specification 68-1.025 or as approved by the Geotechnical Engineer for the specific site conditions. Clean ¾-inch crushed rock may be used provided it is wrapped in an acceptable filter cloth and approved by the Geotechnical Engineer. Pipe diameters should be 6 inches for runs up to 500 feet and 8 inches for the downstream continuations of longer runs. Four-inch diameter pipe may be used in buttress and stabilization fills.

CUT LOT



CUT/FILL LOT (TRANSITION)



*SEE TEXT OF REPORT FOR SPECIFIC RECOMMENDATION. ACTUAL DEPTH OF OVEREXCAVATION MAY BE GREATER.

TRANSITION LOT DETAIL

GRADING GUIDE SPECIFICATIONS

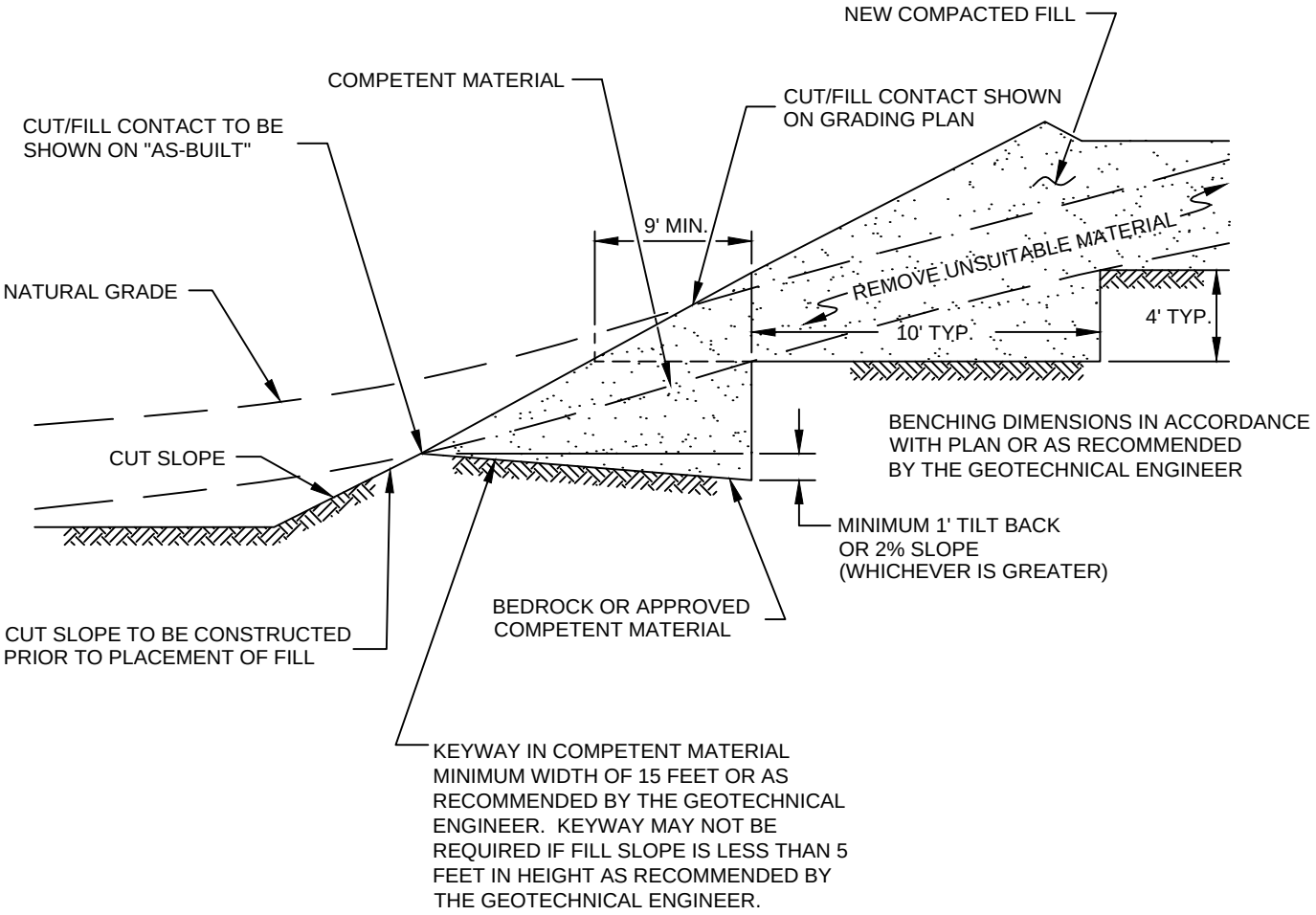
NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-1

SoCalGeo

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FILL ABOVE CUT SLOPE DETAIL

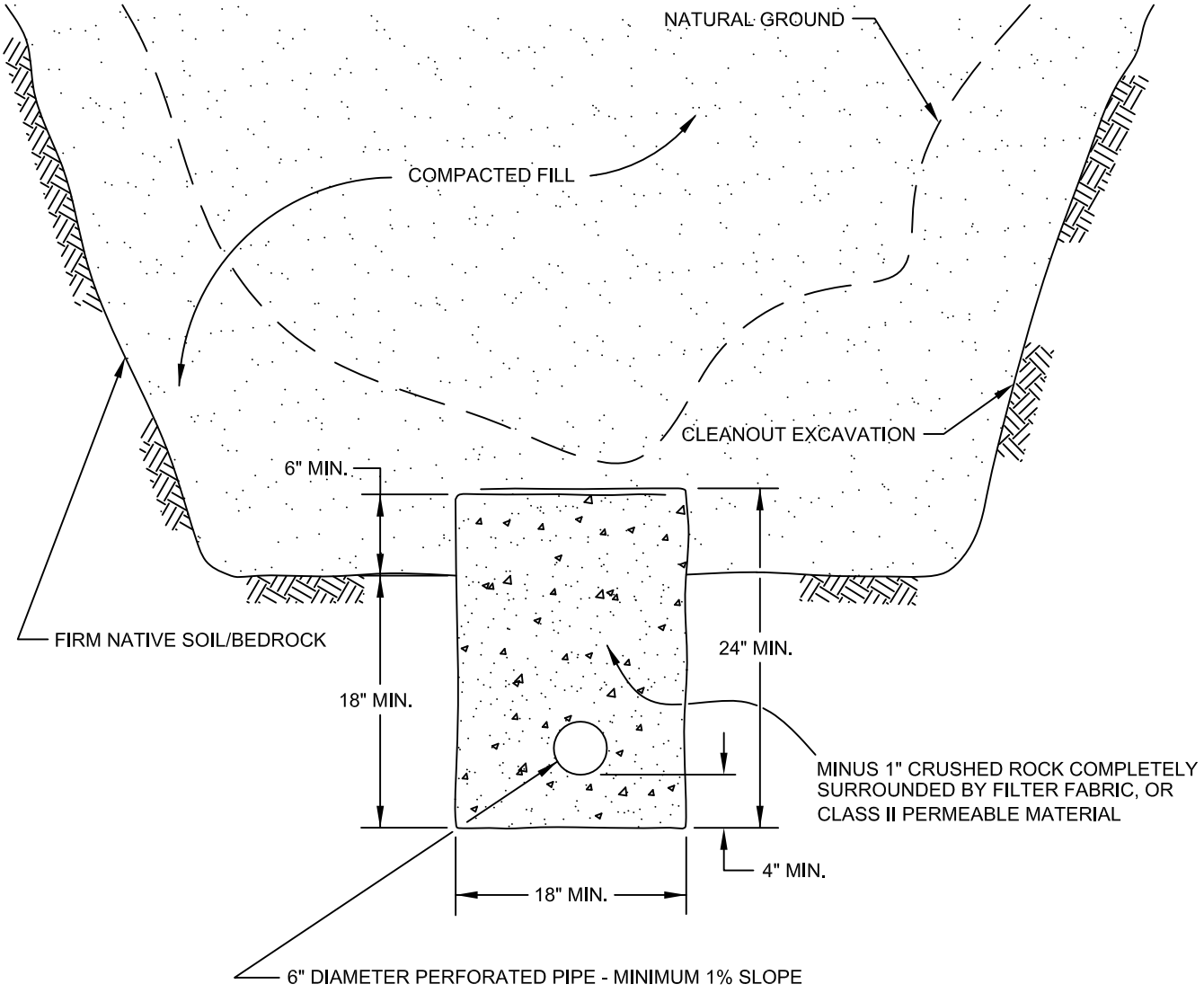
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-2

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SOUTHERN CALIFORNIA GEOTECHNICAL



PIPE MATERIAL	DEPTH OF FILL OVER SUBDRAIN
ADS (CORRUGATED POLETHYLENE)	8
TRANSITE UNDERDRAIN	20
PVC OR ABS: SDR 35	35
SDR 21	100

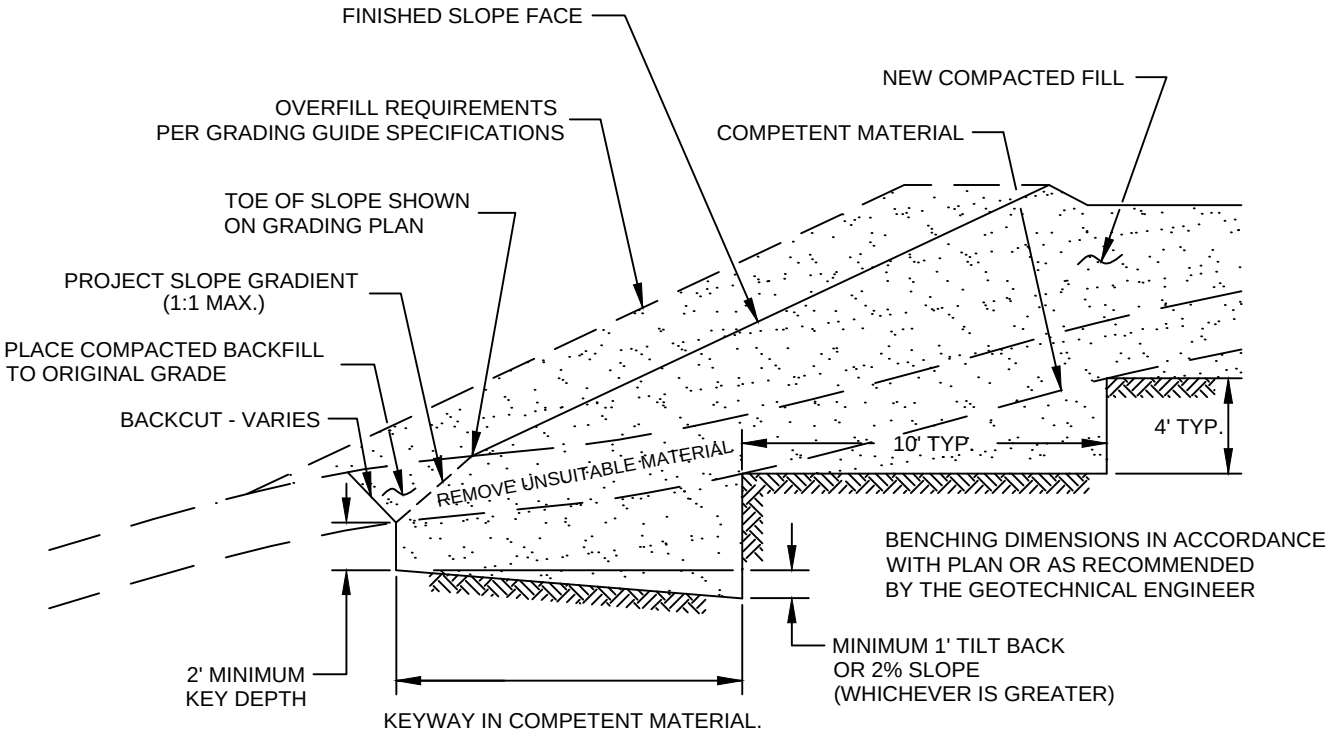
SCHEMATIC ONLY
NOT TO SCALE

CANYON SUBDRAIN DETAIL
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE
DRAWN: JAS
CHKD: GKM

PLATE D-3

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



NOTE:
BENCHING SHALL BE REQUIRED WHEN NATURAL SLOPES ARE EQUAL TO OR STEEPER THAN 5:1 OR WHEN RECOMMENDED BY THE GEOTECHNICAL ENGINEER.

FILL ABOVE NATURAL SLOPE DETAIL

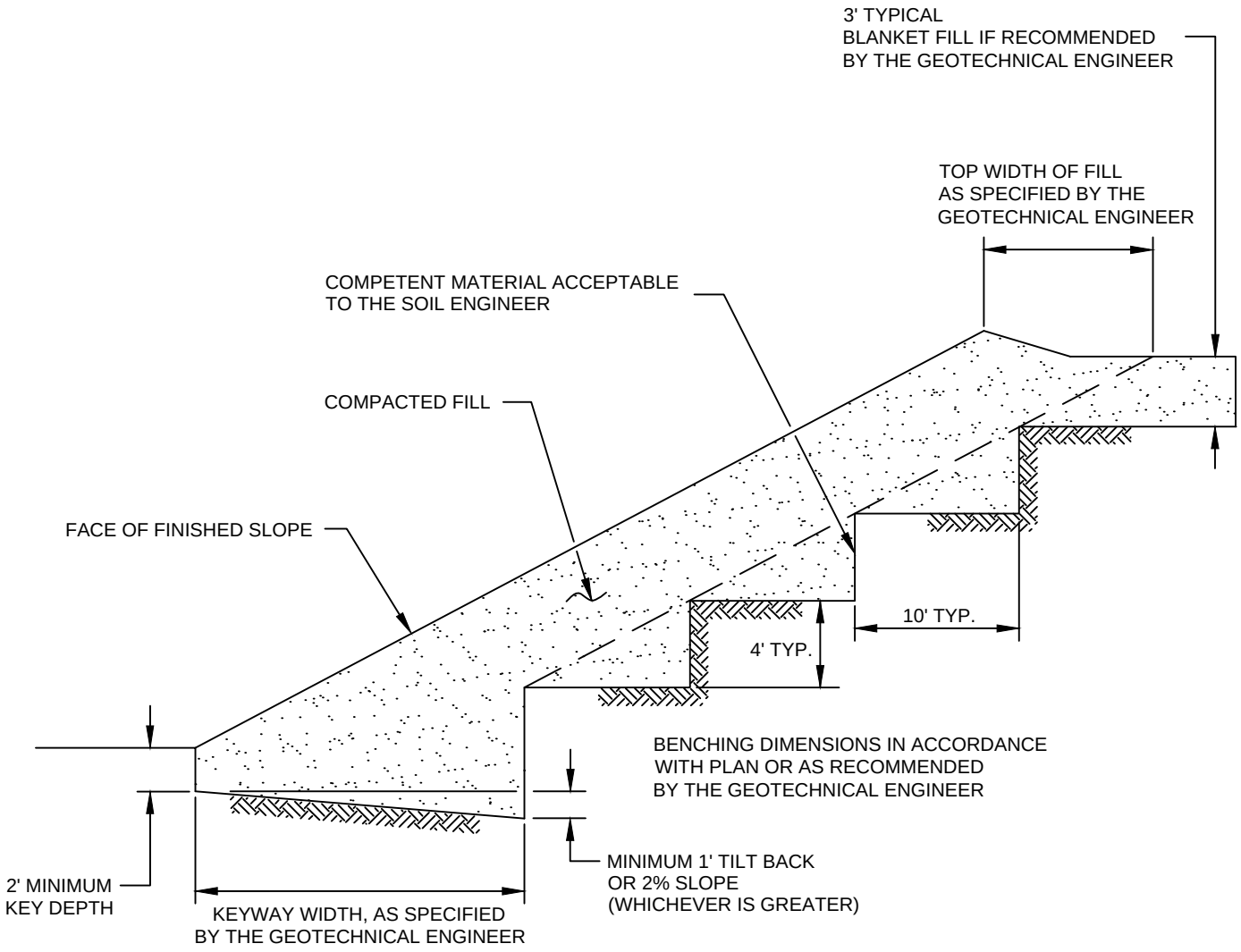
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-4

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



STABILIZATION FILL DETAIL

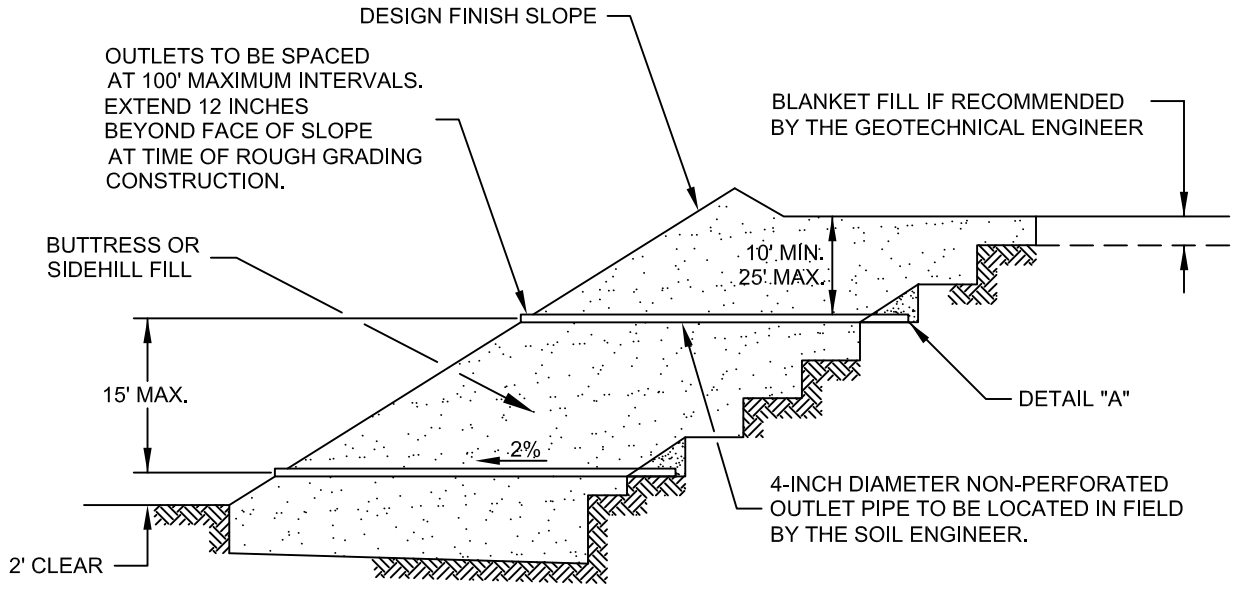
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-5

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



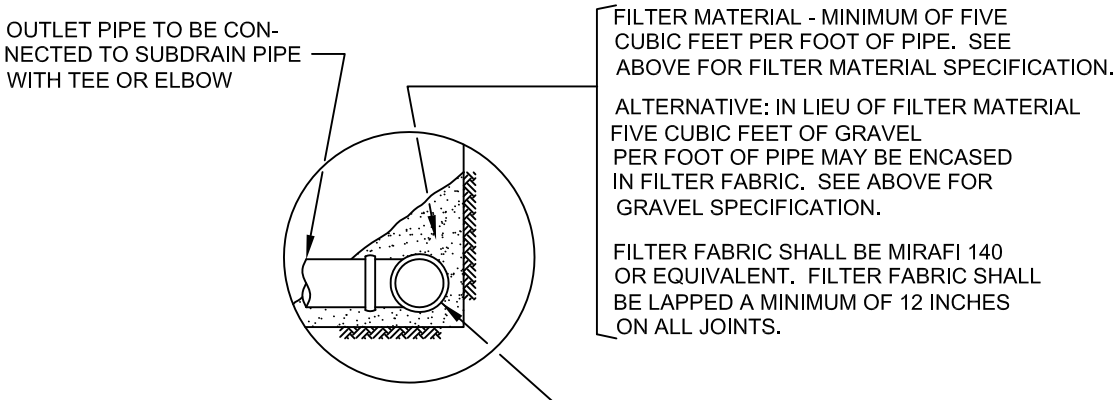
"FILTER MATERIAL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT: (CONFORMS TO EMA STD. PLAN 323)

SIEVE SIZE	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	40-100
NO. 4	25-40
NO. 8	18-33
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

"GRAVEL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT:

SIEVE SIZE	MAXIMUM PERCENTAGE PASSING
1 1/2"	100
NO. 4	50
NO. 200	8

SAND EQUIVALENT = MINIMUM OF 50



DETAIL "A"

NOTES:
1. TRENCH FOR OUTLET PIPES TO BE BACKFILLED WITH ON-SITE SOIL.

SLOPE FILL SUBDRAINS

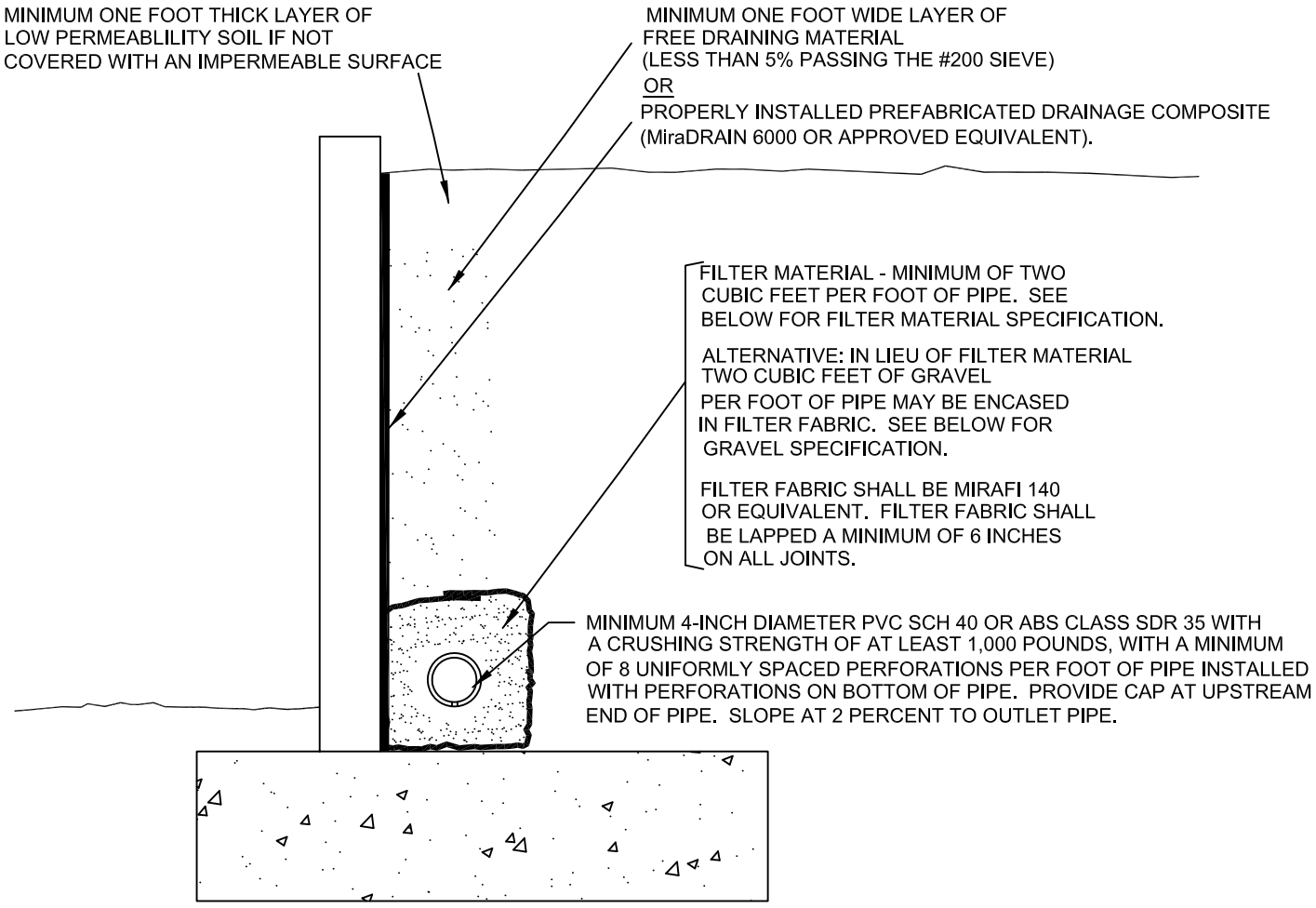
GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: JAS
CHKD: GKM

PLATE D-6

SoCalGeo
SOUTHERN CALIFORNIA GEOTECHNICAL



"FILTER MATERIAL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT: (CONFORMS TO EMA STD. PLAN 323)

SIEVE SIZE	PERCENTAGE PASSING
1"	100
3/4"	90-100
3/8"	40-100
NO. 4	25-40
NO. 8	18-33
NO. 30	5-15
NO. 50	0-7
NO. 200	0-3

"GRAVEL" TO MEET FOLLOWING SPECIFICATION OR APPROVED EQUIVALENT:

SIEVE SIZE	MAXIMUM PERCENTAGE PASSING
1 1/2"	100
NO. 4	50
NO. 200	8

SAND EQUIVALENT = MINIMUM OF 50

RETAINING WALL BACKDRAINS

GRADING GUIDE SPECIFICATIONS

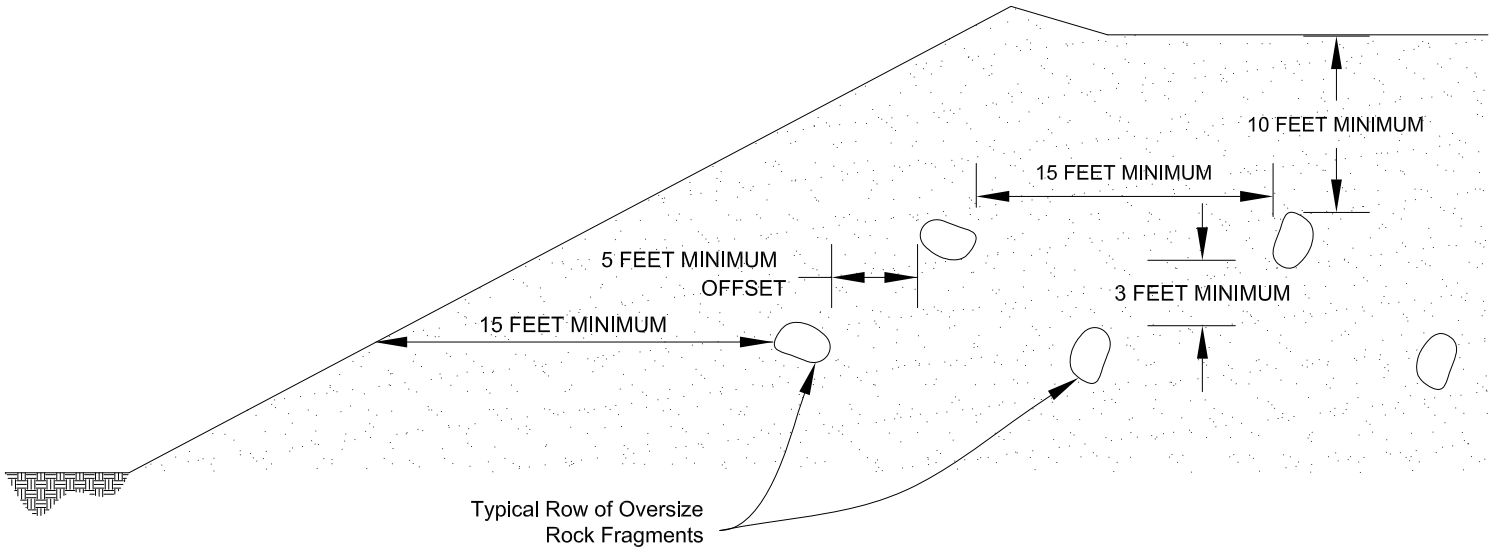
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CHKD: GKM

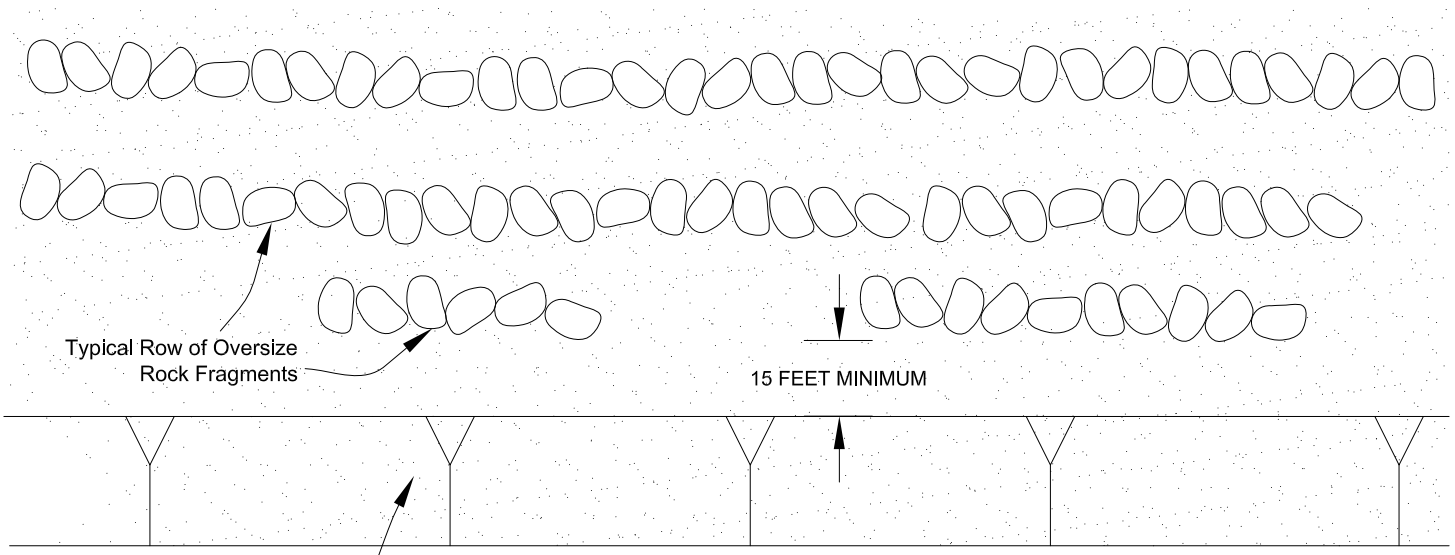
PLATE D-7

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL



Section View



Plan View

PLACEMENT OF OVERSIZED MATERIAL

GRADING GUIDE SPECIFICATIONS

NOT TO SCALE

DRAWN: PM
CHKD: GKM

PLATE D-8

SoCalGeo

SOUTHERN CALIFORNIA GEOTECHNICAL

INITIAL STUDY - APPENDIX C

Hazards and Hazardous Materials

GCI

Phase I Environmental Site Assessment

Geosyntec consultants

2365 Northside Drive, Suite 150
San Diego, CA 92108
PH 619.297.1530
www.geosyntec.com

April 2023

VIA E-MAIL

Industrial VI Enterprises, LLC,
c/o Hillwood
901 Via Piemonte, Suite 175
Ontario, California 91764
c/o Alissa Welch
Attn: Alissa.welch@hillwood.com

Subject: **Phase I Environmental Site Assessment Update**
Site: Ethanac Land Assemblage
1892 Ethanac Road, Perris, California 92585

Dear Ms. Welch:

In accordance with your authorization of Geosyntec Consultants, Inc.'s (Geosyntec's) proposal dated 15 March 2023, Geosyntec has prepared the enclosed Updated Phase I Environmental Site Assessment report for Industrial VI Enterprises, LLC, c/o Hillwood for the above-referenced property. Enclosed is an electronic copy of the report.

Should you have questions regarding this submittal or need additional information, please do not hesitate to contact us. We appreciate the opportunity to be of service to you.

Sincerely,

DRAFT

_____

Veryl Wittig
Senior Principal

Encl.

Geosyntec consultants

engineers | scientists | innovators

PHASE I ENVIRONMENTAL SITE ASSESSMENT UPDATE

Site: 1892 Ethanac Road, Perris, California 92585

Prepared for

Industrial VI Enterprises, LLC,
c/o Hillwood
901 Via Piemonte, Suite 175
Ontario, California 91764

Prepared by

Geosyntec Consultants, Inc.
2365 Northside Drive, Suite 150
San Diego, CA 92108

Project SC1229

April 2023

EXECUTIVE SUMMARY

This Executive Summary presents the results of the Phase I Environmental Site Assessment (ESA) conducted by Geosyntec Consultants, Inc. (Geosyntec) for the property located at 1892 Ethanac Road in Perris, California 92585 ("Site"). The Site is composed of ten (10) contiguous parcels, more specifically identified as Riverside County Assessor Parcel Numbers 329240016, 329240017, 329240018, 329240019, 329240020, 329240023, 329240024, 329240025, 329240026, and 329240027. In addition, the Site includes portions of the adjoining roadways Trumble Road, Sherman Road, Ethanac Road and Illinois Road to the northwest. This Phase I ESA was updated in accordance with the scope of work, terms, and conditions described in Geosyntec's proposal dated 15 March 2023. This Phase I ESA and update were conducted in accordance with ASTM International (ASTM) Standard E1527-13[1] to identify, to the extent feasible, "recognized environmental conditions" (RECs) at the Site as the term REC is defined by ASTM E1527-13.

The Site comprises ten (10) parcels totaling approximately 21.52-acres and is accessed from its eastern Site boundary via Sherman Road, the southern Site boundary via Ethanac Road and the western Site boundary via Trumble Road. The Site is presently owned by Carnegie Land Company (APNs: 329240016, 329240017, 329240018, 329240019, 329240020, 329240025, 329240026, and 329240027), and John Dietrich Kroencke (APNs: 329240023 and 329240024). At the time of Geosyntec's site reconnaissance, the Site was vacant, tilled land with an internal dirt road and scattered debris piles containing used tires, fencing materials, concrete, asphalt, and general plastic/glass trash. There are currently no buildings at the Site.

Based on the information set forth in this Phase I ESA, Geosyntec has concluded the following:

Recognized Environmental Conditions

- No recognized environmental conditions (RECs) were identified during this Phase I ESA.

Controlled Recognized Environmental Conditions

- No controlled recognized environmental conditions (CRECs) were identified during this Phase I ESA.

Historical Recognized Environmental Conditions

- No historical recognized environmental conditions (HRECs) were identified during this Phase I ESA.

[1] ASTM Standard E-1527-13, "*Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process"*

De Minimis Conditions

- **Solid Waste/Debris:** Solid waste (presumed non-hazardous) was observed scattered throughout the Site during the February 2022 and November 2022 Site visits. Scattered debris piles containing one compressed natural gas (CNG) cannister, used tires, fencing materials (lumber posts and wire mesh), concrete, asphalt, and general plastic/glass trash were observed throughout the Site. Areas in the southern portion of the Site in the approximate location of a former residence appear to have been filled in. There was no indication of releases, ground surface staining, or other impacts from the solid waste/debris listed here; therefore, we do not consider this finding to be a REC, but we do consider this finding to be a *de minimis* condition.

- **Historical Agricultural Land Use:** Aerial photographs indicated that the Site and adjoining properties were used as agricultural land since at least the late 1930s for what appeared to be crop lands and/or pastures. Based on the timeframe of the observed clearings, it is possible that pesticides or herbicides (considered hazardous substances) or petroleum products were used on-site; however, no indication of pesticide/herbicide usage was found as part of this Phase I ESA. Therefore, this finding is considered a *de minimis* condition.

Data Gaps

Our assessment revealed the following data gaps, as defined by ASTM:

- ASTM E1527-13 states that "*interviews with past owners, operators, and occupants of the property who are likely to have material information regarding the potential for contamination at the property shall be conducted to the extent that they have been identified."* Geosyntec was not provided with and did not identify owner contact information prior to the current Site owner. However, since relevant historical documents were obtained, this limitation is not considered to be significant.

The above data gaps are not considered to be significant with respect to identifying RECs for the Site.

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1. INTRODUCTION

Geosyntec Consultants, Inc. (Geosyntec) was retained by Industrial VI Enterprises, LLC c/o Hillwood (Hillwood) to conduct a Phase I Environmental Site Assessment (ESA) for the property located at 1892 Ethanac Road in Perris, California 92585 ("Site"). The Site is more specifically identified as Riverside County Assessor Parcel Numbers (APNs) 329240016, 329240017, 329240018, 329240019, 329240020, 329240023, 329240024, 329240025, 329240026, and 329240027. In addition, the Site includes portions of the adjoining roadways Trumble Road, Sherman Road, Ethanac Road and Illinois Road to the northwest. The Site location is depicted on **Figure 1** (Site Location Map). A recent site and vicinity property layout are shown on **Figure 2** (Site Layout Map).

1.1 Objective

This Phase I ESA and update were conducted in general accordance with the scope and limitations of the guidance contained within the ASTM International (ASTM) Practice E1527-13. The objective of performing this Phase I ESA and update in accordance with ASTM Standard E1527-13 was to identify, to the extent feasible, "recognized environmental conditions" [2] (RECs) at the Site as the term REC is defined by ASTM E1527-13. Deviations or exceptions to the guidance contained in the ASTM E1527-13 standard of practice are described in Section 1.4.

Geosyntec's effort is to provide the User with a Phase I ESA that includes a search for the existence of potential or known surface or subsurface environmental impacts at the Site. For the purposes of this Phase I ESA report, Hillwood is the "User," defined as "*the party seeking to use Practice E 1527-13 to complete an environmental site assessment of the property…*" in partial fulfillment of the requirements of the All Appropriate Inquiry Rule under 40 CFR 312.

1.2 Scope of Services

The Phase I ESA scope of work included the following:

- Reviewing pertinent information/documents
- Reviewing environmental databases regarding the Site itself as well sites in the vicinity of the Site pursuant to the ASTM E1527-13 Practice
- Reviewing historical land usage via available historical aerial photographs, fire insurance maps, city directories, property tax files, and topographic maps

[2] As defined by ASTM E1527-13, a Recognized Environmental Condition is: "the presence or likely presence of any hazardous substances or petroleum products in, on or at a property (1) due to [a] release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment." The definition further states that "*de minimis* conditions are not recognized environmental conditions."

- Visiting the Site for a visual reconnaissance of the major interior and exterior Site features and use of adjoining properties
- Preparing a Phase I ESA report

In accordance with Geosyntec's scope of work for this project, "non-scope considerations", as defined in ASTM E1527-13, were not evaluated as part of this Phase I ESA.

Geosyntec's authorization and conduct to complete the scope of work are as follows:

Table 1. Scope of Services Details

Scope Item	Detailed Information
Site Name or Reference	Ethanac Land Assemblage
Site Address	1892 Ethanac Road, Perris, California 92585
City, State, and Zip Code	Perris, California 92585
Assessor Parcel Numbers APNs	Riverside County 329240016, 329240017, 329240018, 329240019, 329240020, 329240023, 329240024, 329240025, 329240026, and 329240027
Proposal Date	15 March 2023
Authorization Date	15 March 2023
Database Report Date	03 November 2022
Site Visit Date	09 November 2022
Geosyntec Site Personnel	Ms. Jackie Hyman
Facility Personnel and Role	N/A
Report Preparer(s)	Ms. Hyman
Report Reviewer(s)	Mr. Veryl Wittig
Environmental Professional[1]	Mr. Wittig

Note 1: The Environmental Professional meets the requirements as stated in ASTM Practice E1527-13.

The professional qualifications of the senior reviewers, including the signatory Environmental Professional are presented in Section 10.

1.3 Significant Assumptions

Geosyntec took no significant assumptions into account as part of this project, except as noted in the proposal.

1.4 Limitations, Deviations, and Exceptions

This Phase I ESA was conducted according to the agreed upon scope of work consistent with the ASTM Practice E1527-13, except as follows:

- ASTM E1527-13 states that "*interviews with past owners, operators, and occupants of the property who are likely to have material information regarding the potential for contamination at the property shall be conducted to the extent that they have been identified*." Geosyntec was not provided with and did not identify owner contact information prior to the current Site owners. However, since relevant historical documents were obtained, this limitation is not considered to be significant.

This Phase I ESA contains a property description and history, an environmental database review, a summary of observations made during the site reconnaissance, and descriptions of information obtained during interview(s) of person(s) knowledgeable about the Site. This Phase I ESA did not include sampling rock, soil, groundwater, surface water, soil vapor, air, or on-site substances or materials. Therefore, it is not possible to confirm the presence or absence of hazardous substances or petroleum products in the environments associated with the property.

The findings and conclusions presented in this Phase I ESA are the result of professional interpretation of the information collected at the time of this study. Specified information contained in this report has been obtained from publicly available sources and other secondary sources of information. Although care has been taken in compiling this information, Geosyntec has not independently validated this information and provides no warranty as to its accuracy or completeness. The Phase I ESA does not necessarily include an exhaustive search of all available records, nor does it include detailed assessment of all Phase I ESA findings. Therefore, Geosyntec cannot "certify" or guarantee that any property is free of environmental impairment; no warranties regarding the environmental quality of the property are expressed or implied.

1.5 Special Terms and Conditions

No special contractual terms or conditions were taken into account as part of this project, except as noted in the proposal.

1.6 User Reliance

This Phase I ESA report has been prepared solely for the benefit of Hillwood.

Geosyntec has issued the Phase I ESA report to Hillwood and grants Hillwood the right to rely on the report contents. Except as specifically set forth in Geosyntec's proposal to Hillwood to perform this work, no third party shall have the right to rely on Geosyntec opinions rendered in connection with the Services without Geosyntec's written consent which may be conditioned on the third party's agreement to be bound to acceptable conditions and limitations similar to those agreed to

by Hillwood. Please note that Geosyntec's consent to provide a right-to-rely on the Phase I ESA report is subject to Hillwood approval and to agreement to Geosyntec's terms and conditions associated with Geosyntec's performance of this specific Phase I ESA.

2. SITE DESCRIPTION

The site description presented herein is derived from information provided by the User, Hillwood, and information gathered during the research of historical records and the reconnaissance unless referenced otherwise.

2.1 Site Location and General Characteristics

The Site is located northwest of the intersection of Ethanac Road and Sherman Road, Perris, California and is surrounded by a mix of commercial and residential properties, and vacant land. The approximately 21.52-acre Site comprises ten (10) parcels (**Table 2)**. The location of the Site is depicted on **Figure 1,** and a recent site layout is depicted on **Figure 2**. Ownership information, where available, is provided in **Appendix A**.

Table 2. Parcel Information

Parcel APN	Zoning	Approximate Area (Acres)	Land Use/Description
329240016	Commercial Community (CC)	2.91	Vacant Commercial Land
329240017	CC	1.00	Vacant Commercial Land
329240018	CC	0.98	Vacant Commercial Land
329240019	CC	1.94	Vacant Commercial Land
329240020	CC	0.96	Vacant Commercial Land
329240023	CC	0.90	Vacant Commercial Land
329240024	CC	0.89	Vacant Commercial Land
329240025	CC	4.37	Vacant Commercial Land
329240026	CC	4.80	Vacant Commercial Land
329240027	CC	2.88	Vacant Commercial Land

Source: https://rivcoview.rivcoacr.org/#/Property-Search

2.2 Current and Former Uses of the Site

The Site is presently owned by Carnegie Land Company (APNs: 329240016, 329240017, 329240018, 329240019, 329240020, 329240025, 329240026, and 329240027) and John Dietrich Kroencke (APNs: 329240023 and 329240024). At the time of Geosyntec's site reconnaissance, the Site was vacant, tilled land with an internal dirt road and scattered debris piles containing used tires, fencing materials, concrete, asphalt, and general plastic/glass trash. There are currently no buildings at the Site.

The Site was used as agricultural land (row crops and/or pastures) beginning in at least the late 1930s. Between the late 1940s and late 1990s, residences and farm structures were developed along the southern property boundary adjoining Ethanac Road. The Site appears to have been tilled most recently in the mid-2000s and has remained vacant land since.

2.3 Description of Structures, Roads, Other Improvements on the Site

No buildings are located on the Site (**Figure 2**). There was one moderately sized area of imported fill material in the approximate location of a former residence in the southern portion of the Site. Scattered debris piles containing used tires, fencing materials, and general plastic/glass trash were observed throughout the Site. Small piles of aggregate (concrete and asphalt) were observed near the Site boundaries. Additional improvements include several pedestals along the east Site boundary marking the location of a buried Eastern Municipal Water District (EMWD) Telemetry cable. In addition, a potential abandoned well consisting of a damaged 12-inch diameter steel pipe was observed in the southeast corner of the Site.

2.4 Current and Prior Use of Adjoining Properties

Since the late 1930s, the vicinity surrounding the Site has consisted primarily agricultural land and rural residences. Increased residential development occurred at adjoining properties to the east between the late 1940s to mid-1980s. Adjoining properties to the south were developed commercially in the late 1970s. The adjoining property to the northeast was developed commercially in the late 2000s. Properties to the north and west appear to be vacant land since the 2000s. The land use immediately surrounding the Site is noted in **Table 3** below.

Table 3. Site Vicinity Land Use

Direction	Current Geosyntec-Observed Use[1]	Identified Prior Use	Considered to be More Likely to Result in Surface/Subsurface Quality Impacts to the Site (Yes/No)
North	Vacant land to the northwest and Cass Arrieta, a general engineering contractor to the northeast of the Site Parcels Multi-tenant commercial properties and vacant land north of Illinois Avenue	Agricultural	No
East	Sherman Road, followed by residential properties along Sherman Road and Ethanac Road	Agricultural; Residential	No

Direction	Current Geosyntec-Observed Use[1]	Identified Prior Use	Considered to be More Likely to Result in Surface/Subsurface Quality Impacts to the Site (Yes/No)
South	Ethanac Road, followed by Miranda Tires & Wheels, Long's Automotive, Top Tech Auto & Sons, Eastern Municipal Water District (EMWD) municipal well facility, Summit Equipment Rentals, North County Sand & Gravel supplier, residential properties, and vacant land south of the Site parcels Shell gasoline station and vacant land southwest of the Ethanac and Trumble Road intersections A commercial property and vacant land southeast of the Ethanac Road and Sherman	Agricultural; Industrial/Commercial	No
West	Trumble Road, followed by vacant land	Agricultural	No

Note 1: Observations from Geosyntec's site visit.

The adjoining properties were briefly inspected during the site reconnaissance (from vantage point of the Site or public rights-of-way) to observe the associated land use practices (e.g., condition, housekeeping, evidence of chemical usage/spills). Observations made for the adjoining sites are described later in this report (Section 5).

2.5 Physical Setting

A summary of the physical setting of the Site and vicinity including topography, geology/ hydrogeology, and water resources is presented in **Table 4**. Environmental Data Resources (EDR) provided Geosyntec with a Radius Map Report (RMR) for the area including the Site which serves as a source of certain information. Other sources of information in **Table 4** are noted accordingly.

Table 4. Physical Setting

Topic	Information	Source
Topography		
USGS 7.5-Minute Quadrangle Map	Romoland, CA; Perris, CA	U.S. Geological Survey (USGS)
Elevation	1,431 feet above mean sea level (ft MSL)	EDR RMR
General Topographic Gradient	There is a slight topographic slope to the west.	USGS Quadrangle Map and Site Reconnaissance
Soils & Geology		
Site Soils	The Site is comprised of Madera fine sandy loam, Monserate sandy loam and Exeter sandy loam. Soils are moderate to well drained, with slow to very slow infiltration rates and are within the Class C and D hydrologic groups.	EDR RMR
Area Geology	The Site vicinity is underlain by Mesozoic plutonic rocks and Pleistocene-aged marine and nonmarine sedimentary rocks.	EDR RMR; USGS, 1994
Water Resources		
Nearest Water Body	An ephemeral pond is located approximately 1,970 east of the Site. Small agricultural reservoirs are located in the general vicinity.	US Fish & Wildlife Wetland Map, EDR RMR and USGS Quadrangle Map
Estimated Groundwater Flow Direction[3]	Groundwater flow was projected by others to be east-southeast based on groundwater elevation data presented in a 2011 Closure Summary for a site within 0.5 mile of the Site.	GeoTracker, 2011[4]
Depth of Groundwater	Based on the 2011 Closure Summary report for a property within 0.5 mile of the Site, groundwater was observed between approximately 61 and 63 feet below ground surface (ft bgs).	GeoTracker, 2011
Wetlands (on - site)	No wetlands were identified at the Site.	NWI, US Fish & Wildlife Wetland Map
Wells (on-site)	A potential former agricultural well was observed in the southeast corner of the Site during the Site reconnaissance.	Site Reconnaissance (see Section 5)

[3] Local groundwater flow direction may vary depending on area groundwater pumping, surface water bodies, land use and development, localized topography, and other macro and micro features.

[4] https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000009963

Table 4. Physical Setting

Topic	Information	Source
Nearby[5] Groundwater Supply and Monitoring Wells	• 29 wells were listed in the State Wells database as municipal water supply wells, observation wells and desalter supply wells located within 1 mile from the Site. The closest well is a desalter supply well (Well 89) located past Ethanac Road to the south. • 10 wells were identified in the USGS National Water Information System database within 1 mile. These wells are not typically monitored for water quality.	EDR RMR

[5] EDR searched federal and state water well databases within one mile of the Site boundary.

3. USER-PROVIDED INFORMATION

This section describes the information provided to Geosyntec by Hillwood (the User of this Phase I ESA). This includes information that was provided in the User Questionnaire (**Appendix C**).

3.1 Title Records

Geosyntec was not provided with and did not review title records for the Site. A property title search was not included in the scope of Geosyntec's services.

3.2 Environmental Liens or Activity and Use Limitations

The User did not supply Geosyntec with information regarding environmental liens or activity and land use limitations associated with the Site property.

3.3 Specialized Knowledge

The User does not have specialized knowledge of environmental conditions at the Site.

3.4 Knowledge of Hazardous Substances or Petroleum Products

The User is not aware of any hazardous substances or petroleum products in, on, or under the Site.

3.5 Commonly Known or Reasonably Ascertainable Information

The User is not aware of any commonly known or reasonably ascertainable information within the local community about the Site that is material to RECs in connection with the Site.

3.6 Valuation Reduction for Environmental Issues

The User has not informed Geosyntec regarding whether or not the valuation of the Site has been reduced or otherwise impacted by environmental issues (as defined in AAI[6]).

3.7 Degree of Obviousness

The User has considered the degree of obviousness of the presence or likely presence of releases or threatened releases at the Site and the ability to detect releases or threatened releases by appropriate investigation. The User has not observed any conditions indicating the presence or likely presence of releases or threatened releases at the Site.

[6] The "All Appropriate Inquiry Rule", enacted under the 2002 Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act; 40 CFR 312

3.8 Litigation, Administrative Proceedings, and Notices

The User is not aware of (i) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Site; (ii) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site; or (iii) any notices from any governmental entity regarding any possible violations of environmental laws or possible liability relating to hazardous substances or petroleum products.

3.9 Reason for Performing This Phase I ESA

Geosyntec understands that Hillwood engaged Geosyntec to perform this Phase I ESA for the Site to identify RECs (as defined in ASTM E1527-13) in order to help identify potential environmental liabilities associated with the Site.

3.10 Pertinent Documents

The User did not supply Geosyntec with environmental reports for the Site.

4. RECORDS REVIEW

Geosyntec reviewed the following records, to the extent we found these to be available and reasonably ascertainable:

- Federal, state, and local environmental databases
- Historical aerial photographs
- Historical topographic maps
- Fire insurance maps
- City directories
- Local authority permits and records
- Available property tax information

In addition to the standard sources above, Geosyntec reviewed environmental files obtained from regulatory agencies.

4.1 Standard Environmental Records Sources

4.1.1 Database Search Approach

Geosyntec contracted EDR to provide the records reviewed as described below. EDR conducted the environmental database search in an attempt to ascertain whether the Site or neighboring properties were suspected of having environmental conditions that could have impacted the surface or subsurface at the Site. EDR reported specific records and search distances (from the approximate Site boundaries) for the environmental databases to be consistent with ASTM Practice E1527-13 and are discussed in the EDR Database Report (EDR, 2022f) presented in **Appendix B**. Database descriptions are included in the EDR report.

The following sections discuss listings that are projected to be located upgradient of the Site and have reported (or suspected) contamination or that have the potential for significant contamination that could have impacted the Site (such as National Priorities List [NPL] or Resource Conservation and Recovery Act [RCRA] Corrective Action sites). The locations of these listed sites are shown on the Overview Map and Detail Map in the EDR Database Report (**Appendix B**).

4.1.2 Database Search Results – Site

EDR did not identify any database listings for the Site.

4.1.3 Database Search Results – Vicinity Properties

The search of environmental databases identified 45 site listings for properties within 1.00-mile of the Site, some of which were in databases indicative of releases. Other than select sites discussed below based on their database listing, listed sites located greater than 0.25 miles from the Site were not evaluated because they are not anticipated to adversely affect the Site based on their location and proximity. A summary of pertinent database listings is included below:

- **Trimline Automotive Interiors / Top Tech Auto & Sons / Gencorp Auto Body Shop** at 27271 Ethanac Road, Suite 104 (adjoining south across Ethanac Road, hydraulically down to cross-gradient from the Site). The property is listed in the EDR HIST AUTO database from 1985 to 2014 as an auto supply store, automotive repair shop, and automotive transmission repair shop. This property was also listed in the CERS and CERS HAZ WASTE databases and other non-release databases. Multiple notices of violation (NOVs) were issued for administrative issues (failure to maintain copies of manifests, submit emergency response plans, submit business plans, employee training, etc.). Other than an NOV for oil spilled on the ground or pooled on top of drums, no violations or reported releases were identified at the property. Based on the available information, it is considered unlikely that this property has adversely impacted the Site.

- **Chaney's Automotive / Longs Enterprises DBA Longs Automotive / Ethanac Smog** at 27411 Ethanac Road (adjoining south across Ethanac Road, hydraulically down to cross-gradient from the Site). The property is listed in the EDR HIST AUTO, Leaking Underground Storage Tanks (LUST), CERS HAZ WASTE and other non-release databases. The facility was issued various administrative violations during compliance inspections by the Riverside County Department of Environmental Health. No violations associated with a spill or release were reported. A LUST case was opened in 1992 for a release of waste oil affecting soil. The case was closed and issued No Further Action (NFA) in 2000. The Case Closure Summary report indicates groundwater is located approximately 112 to 200 feet bgs. Based on the case closure status, distance and hydraulic direction from the Site, and lack of groundwater impact, it is considered unlikely that this property has adversely impacted the Site.

- **Arco Celestino** at 27391 Ethanac Road (adjoining south across Ethanac Road, hydraulically down- to cross-gradient from the Site). The property is listed on the EDR HIST AUTO database in 2002 as a gasoline service station. This property is not listed on any databases indicative of a spill or release. Based on the lack of a documented release, it is considered unlikely that this property has adversely impacted the Site.

- **Richard Whitaker dba Chute Systems, Earth Systems Southwest, Amanda Langston and Top Promotional Products** at 1622-1794 Illinois Avenue (adjoining north across

Illinois Avenue, hydraulically down- to crossgradient from the Site) were listed in the RCRA - Non Generators / No Longer Regulated (RCRA NONGEN/NLR) database as non-hazardous waste generators. No violations were found. Based on the nature of these listings, it is considered unlikely that this property has adversely impacted the Site.

- **West Coast Yamaha Inc. dba Langston Motorsport** at 1622 Illinois Avenue, Suite 1 (adjoining north across Illinois Avenue, hydraulically down- to crossgradient from the Site) was listed in the CERS HAZ WASTE, CERS, Facility and Manifest Data (HAZNET), Hazardous Waste Tracking System (HWTS), and RCRA NONGEN/NLR databases. The facility generated hazardous materials and petroleum products associated with vehicle maintenance. No violations were reported for a spill or release. Based on the nature of these listings, it is considered unlikely that this property has adversely impacted the Site.

- **Pro Structural and Summit Equipment Rentals** at 26105 Sherman Road (adjoining south across Sherman Road, hydraulically crossgradient from the Site) were listed in the RCRA NONGEN/NLR database as non-hazardous waste generators. No violations were found. Based on the nature of these listings, it is considered unlikely that these properties have adversely impacted the Site.

- **North County Sand & Gravel** at 26227 Sherman Road (adjoining south across Sherman Road, hydraulically crossgradient from the Site) was listed in the CERS HAZ WASTE, CERS TANKS, CERS, and RCRA NONGEN/NLR databases. The facility is a truck maintenance/storage yard. Hazardous materials used at the property include diesel and oils stored in aboveground storage tanks. A violation was issued for minor staining beneath new oil and waste oil secondary containment pallets. Absorbent was applied to the spill. The facility cleaned the absorbent and returned to the compliance. Based on the minor nature of the release, it is considered unlikely that this property has adversely impacted the Site.

- **Caltrans** at 27644 Highway 74 is located approximately 1,150 feet northeast, hydraulically cross-gradient of the Site and was listed in the LUST database. EDR reports a LUST case was opened for a gasoline release affecting soil in 1989. The case was closed and No Further Action (NFA) was issued in 1994. Based on the case closure status, distance and hydraulic direction from the Site, and lack of groundwater impact, it is considered unlikely that this property has adversely impacted the Site.

- Six abandoned mines were reported within a 0.25 mile radius of the Site. The mines were used for construction sand and gravel.

Details of the sites are summarized in the EDR Database Report (**Appendix B**).

4.1.4 Unplottable Sites

EDR identified two "unplottable sites" which were not mapped by EDR due to the lack of sufficient address information. One LUST listing was reported at the address 180 East 4th Street, Perris, which is located approximately 4.5 miles northwest of the Site. The property at 28023 Ethanac Road, approximate 0.5 mile west of the Site, was reported on the CIWQS database for a terminated stormwater permit. Based on the regulatory status and distance from the Site, it is Geosyntec's opinion that the unplottable properties are unlikely to have impacted the Site.

4.2 Historical Use Information

Geosyntec contracted EDR to provide standard historical records, including aerial photographs, topographic maps, city directories, and fire insurance maps (EDR, 2022a-e). The sections below identify and summarize the historical information sources reviewed for the Site and vicinity. A summary of the findings from the review of the historical sources is provided in **Table 5**. Copies of the historical records reports are included in **Appendix B**.

4.2.1 Historic Aerial Photographs

EDR provided aerial photographs from 1938, 1949, 1953, 1961, 1967, 1978, 1985, 1989, 1996, 1997, 2002, 2006, 2009, 2012, and 2016.

Geosyntec reviewed the aerial photographs provided by GoogleEarth for the years 1996, 2002, 2003, 2005, 2006, 2009, 2011, 2012, 2013, 2014, 2016, 2018, 2019, 2021 and 2022.

4.2.2 Historical Topographic Maps

EDR supplied portions of USGS topographical maps of the Site and vicinity for 1901, 1942, 1943, 1947, 1953, 1967, 1973, 1979, 2012, 2015 and 2018.

4.2.3 City Directories

Available business directories, including cross reference and telephone directories, were reviewed for 27491 to 27271 Ethanac Road and 25632 to 26026 Sherman Road for 1976, 1980, 1985, 1990, 1992, 1995, 2000, 2005, 2010, 2014, 2017, and 2018.

4.2.4 Fire Insurance Maps

Based on EDR's search of fire insurance maps, there was no coverage for the Site.

4.2.5 Property Tax Files

Geosyntec researched publicly available online tax records through Riverside County records. The information retrieved included property boundary information and property size. The retrieved tax map parcel information is provided in **Appendix A.**

Table 5. Historical Records Review

Aerial Photographs[7]	Topographic Maps	City Directory (CD)
Site: In 1938, the Site appears to be agricultural land (pastures and row crops). Dirt roads are visible in the locations of Sherman Road, Trumble Road, Ethanac Road. By 1949, a homestead with small farm and/or residential structures is visible in the southern portion of the Site. The Site remained relatively unchanged until 2002, when all structures were demolished and removed from the Site. By 2009, Illinois Avenue is developed northwest of the Site parcels. The Site continued to be vacant/agricultural land through 2022. **Vicinity**: In 1938, the Site vicinity appears to be agricultural land (pastures and row crops) with homesteads and farm structures visible to the north and east. Increased residential development occurred at adjoining properties to the east past Sherman Road and at limited areas south of Ethanac Road between the late 1940s to mid-1980s. Adjoining properties to the south were developed commercially between the late 1960s and late 1970s. The adjoining property to the northeast was developed commercially in the early 2000s. Properties to the north and west appear to be vacant land since the 2000s. By 2006, commercial properties are developed west of Sherman Road. By 2009, commercial properties are developed north of	**Site**: The Site is depicted as vacant land from 1901 to 1947. In 1901, roads are depicted in the position of Ethanac Road and Sherman Road. By 1942, Trumble Road is depicted. From 1953 to 1979, a small single structure is depicted in the southern portion of the Site. The Site is not shown on the 1967 map due to incomplete map coverage. From 2012 to 2018, no building footprints are depicted at the Site or surrounding area. By 2015, Illinois Avenue is depicted northwest of the Site parcels. **Vicinity**: In 1901, the Site vicinity is depicted as undeveloped land. Several unnamed roads, a railroad, and buildings are depicted in the area. By 1942, a residential neighborhoods are depicted to the east and north. Roads are depicted in the position of Sherman Road and Trumble Road to the east and west, respectively. By 1953, adjoining properties south of Ethanac Road are depicted as agricultural land. The Site vicinity is not shown on the 1967 map due to incomplete map coverage. By 1973, small structures interpreted to be residences are depicted within an agricultural field to the south. Increased residential building footprints are depicted to the north and east. By 1979, the adjoining properties to the south are no longer depicted as agricultural	**Site**: The Site address 1892 Ethanac Road was not listed in the City Directory. **Vicinity**: Nearby properties were identified in the 1976 to 1980 directories as residential listings along Ethanac and Sherman Road. From 1980 to 1992 properties along Ethanac Road are occupied by residential and commercial tenants, including tire repair/supply shops, automotive repair shops, and a Phillips Exxon facility/likely gasoline service station (listed in 1980 only). Between 1995 and 2014 , automotive repair shops, a tire supply shop, and various commercial service companies are listed along Ethanac Road. Listings along Sherman Road remain largely residential through 2017, with the exception of a building supply, plumbers, fabricators, grease service companies.

[7] Additional aerial photography review was completed using Google Earth when available.

Table 5. Historical Records Review

Aerial Photographs[7]	Topographic Maps	City Directory (CD)
Illinois Avenue. No significant changes are visible in the surrounding area since the early 2010s.	land. From 2012 to 2018, no building footprints are depicted in the surrounding area.	

4.3 Local, County, State, and Federal Files

Geosyntec contracted with Environmental Support Services (ESS) to contact local, county, and state agencies via telephone and electronic mail to inquire as to whether they possessed relevant records regarding the Site. Relevant information is summarized below. Excerpts of relevant regulatory agency documents are presented in **Appendix D**.

4.3.1 Local Fire Department Records

ESS contacted the City of Perris Fire Department to inquire about hazardous materials, aboveground tanks and/or underground tank permitting, inspections, and incidents at the Site. No records were identified for the Site.

4.3.2 City or County Records

ESS contacted the Riverside County Building Department for building permits and certificates of occupancy issued to the Site. No records were identified for the Site.

ESS contacted the Riverside County Fire Department for records regarding building permits, hazardous materials/waste, aboveground tanks, and underground tanks. The Riverside County Fire Department indicated that these records would be kept with the Riverside County Department of Environmental Health.

ESS contacted the Riverside County Department of Environmental Health (RCDEH) regarding emergency response, spill records, and information on septic systems and supply wells available for the Site. No records were identified for the Site.

ESS contacted the South Coast Air Quality Management District (SCAQMD) for information about regulated facilities, permitted equipment, and compliance records for the Site. In addition, Geosyntec reviewed the SCAQMD online Facility Information Detail (FIND) database. No records were identified for the Site.

4.3.3 State Records

ESS contacted the Department of Toxic Substances Control (DTSC) and Regional Water Quality Control Board (RWQCB) for records relevant to the environmental conditions of the Site. No records were identified for the Site.

Geosyntec searched the Regional Board GeoTracker[8] online database. The GeoTracker database is used to track and manage compliance data for sites which are known or suspected to have impacted the subsurface environment. No cases were identified at the Site or immediate adjoining

[8] https://geotracker.waterboards.ca.gov/

sites, with the exception of Chaney's Automotive at 27411 Ethanac Road located to the adjoining south. The Chaney's Automotive case is discussed in Section 4.1.3. Multiple listings were identified in the vicinity for closed Leaking Underground Storage Tank (LUST) cases, Spill, Leak, Investigation and Cleanup (SLIC) cases, and landfills located between ¼- and ½-mile from the Site. Based on the distance from the Site and regulatory status, it is unlikely that these sites have adversely impacted the site.

The Department of Toxic Substances Control (DTSC) Envirostor[9] database was searched for documents pertaining to the Site and vicinity. No listings for the Site or immediate vicinity were identified. The Envirostor database is used to track DTSC's permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination.

The DTSC Hazardous Waste Tracking System[10] database was searched for information pertaining to hazardous waste at the Site and vicinity. No listings were identified for the Site. Eight listings were identified at the adjoining properties to the south located at 27271 to 27491 Ethanac Road. Long's Automotive is reported as an active hazardous waste generator from 2015 to 2021 for generating organic solids. The following facilities were reported as inactive hazardous waste generators: Top Tech Automotive / Top Tech Auto & Sons, Cowl's Custom Car Center & Training Center, City Transmissions, Realistic Automotive, C D Services and Tire Stop & Recycling.

The California Department of Conservation Geologic Energy Management Division (CalGEM)[11] online database was searched for information pertaining to oil and gas wells on the Site and vicinity. No wells were identified on the Site or in the immediate vicinity of the Site.

ESS requested records from the Cal Fire - Office of the State Fire Marshal concerning the storage of hazardous materials/waste, pipelines and underground storage tanks. No records were identified for the Site.

4.3.4 Federal Records

Review of the USEPA Enforcement and Compliance History Online (ECHO)[12] database did not reveal records in connection with the Site. This database is used to track compliance, releases, and other information for facilities handling hazardous materials.

Review of the USEPA National Priorities List (NPL)[13] database did not reveal records in connection with the Site or within a three mile radius of the Site. This database lists sites of

9 https://www.envirostor.dtsc.ca.gov/public/
10 https://hwts.dtsc.ca.gov/
11 https://maps.conservation.ca.gov/doggr/wellfinder/#openModal/-118.94276/37.12009/6
12 https://echo.epa.gov
13 https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1

national priority among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories.

Review of the Air Force Civil Engineer Center website[14] and Base Realignment and Closures Sites website[15] did not reveal records in connection with the Site or within a three mile radius of the Site.

[14] https://ar.afcec-cloud.af.mil/Search.aspx

[15] https://www.epa.gov/fedfac/base-realignment-and-closure-brac-sites-state

5. SITE RECONNAISSANCE

A reconnaissance of the Site was conducted in accordance with the information provided in **Table 1**. Geosyntec personnel was unescorted during the Site reconnaissance. Photographs taken during the reconnaissance are included in **Appendix E**. Adjoining properties were observed from their perimeters.

As part of the reconnaissance, Geosyntec looked for evidence of hazardous substances used, stored, or discarded and inspected the Site for areas of disturbed or discolored soil, suspect equipment, and building materials that may contain hazardous substances; areas of distressed vegetation; wastewater discharge areas; storage tanks/septic systems; waste management and disposal areas; lagoons; pits; sumps; surface water management areas; and stained surfaces.

5.1 Utility Service and Materials Management Provider Information

The utility service and materials management providers and practices at the Site are summarized (**Table 6**) from information supplied during Geosyntec's site reconnaissance.

5.2 Interior and Exterior Observations

Observations made during the site reconnaissance for the Site are documented in **Table 7**.

5.3 Adjoining Property Reconnaissance

During the site reconnaissance, Geosyntec observed the adjoining properties from the Site or public vantage points in an attempt to identify possible sources of obvious environmental impairment that could affect soil and groundwater quality at or result in vapor migration into the Site as a result of surface water runoff, groundwater transport, or similar pathways. Geosyntec saw no obvious evidence of chemical storage or releases to the ground at adjoining properties.

Table 6. Site Utilities and Materials Management

Utility Service/Materials Management	Service Provider
Electricity	None identified
Natural Gas	None identified
Sanitary wastewater disposal	None identified
Industrial wastewater disposal	None identified
Drinking water supply	None identified
Irrigation water supply	None identified
Stormwater disposal	Stormwater flows to low-lying areas on-site. No stormwater management system was observed.
Solid (non-hazardous) waste disposal	None identified
Hazardous waste disposal	Not identified
Universal waste	Not identified

Table 7. Interior and Exterior Observations

ASTM Section	Feature or Condition	Description
Interior and Exterior Observations		
9.4.2.3	General Usage of Hazardous Substances and Petroleum Products	No evidence of hazardous materials use was observed.
9.4.2.4	Aboveground Storage Tanks (ASTs)	No evidence of ASTs was observed.
9.4.2.4	Underground Storage Tanks (USTs)	No evidence of USTs was observed.
9.4.2.5	Odors	No notable odors were identified.
9.4.2.6	Pools of Liquids	Pools of standing water due to a recent rain event were observed in low-lying areas along the east and southeast Site boundary.
9.4.2.7	Drums ≥ 5 Gallons	No drums were observed during the Site visit.
9.4.2.8	Hazardous Substances and Petroleum Products Containers	One discarded compressed natural gas (CNG) cylinder was observed near the south Site boundary.
9.4.2.9	Unidentified Substances/Containers	No unidentified containers were observed.
9.4.2.10	Indication of PCBs	No indication of PCBs were observed.

Table 7. Interior and Exterior Observations

ASTM Section	Feature or Condition	Description
Interior Observations		
9.4.3.1	Heating and Cooling Systems	No buildings are currently developed at the Site.
9.4.3.2	Stains/Corrosion	No buildings are currently developed at the Site.
9.4.3.3	Drains and Sumps	No buildings are currently developed at the Site.
Exterior Observations		
9.4.4.1	Pits, Ponds, or Lagoons	No pits, ponds, or lagoons were observed.
9.4.4.2	Stained Soil or Pavement	Based on wet soil conditions from a recent rain event, it was difficult to identify areas with potential staining.
9.4.4.3	Stressed Vegetation	No obviously stressed vegetation indicative of a chemical discharge or application was observed.
9.4.4.4	Solid Waste	Scattered debris piles containing one compressed natural gas (CNG) cannister, used tires, fencing materials (lumber posts and wire mesh), concrete, asphalt, and general plastic/glass trash were observed throughout the Site, but were largely concentrated along the south Site boundary. An area in the southern portion of the Site in the approximate location of a former homestead appear to have been filled in.
9.4.4.5	Wastewater and Stormwater Discharge	Stormwater infiltrates through the unpaved areas of the Site.

Table 7. Interior and Exterior Observations

ASTM Section	Feature or Condition	Description
9.4.4.6	Wells	A potential former agricultural well was observed near the southeast corner of the Site. A damaged 12-inch steel pipe was observed at ground level and was surrounded by broken and degraded concrete.
9.4.4.7	Septic Systems	Geosyntec did not observe evidence of an existing or former septic system.

6. INTERVIEWS

6.1 Interview with Current Owner/Occupant

Geosyntec requested but was not provided with contact information for current owners/operators of the Site. Interviews with current owners were not conducted as part of this assessment. This is considered a data gap (see Section 7).

6.2 Interview with Previous Owner/Occupant

Geosyntec requested but was not provided with contact information for previous owners/operators of the Site Interviews with prior owners and occupants were not conducted as part of this assessment. This is considered a data gap (see Section 7).

6.3 Interview with Local Agencies

Geosyntec contacted local, county, and state agencies via telephone or electronic mail to ask whether they possessed relevant records regarding the Site, as discussed in Section 4.3.

7. FINDINGS AND CONCLUSIONS

Geosyntec has conducted a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Site located at the northwest intersection of Ethanac Road and Sherman Road, Perris, California. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Following the Findings and Opinions section (Section 7.1), we present identified data gaps and conclusions (Sections 7.2 and 7.3) regarding any identified RECs, Controlled (CRECs), Historical RECs (HRECs), or de *minimis conditions* associated with the Site.

7.1 Findings and Opinions

This assessment has revealed no evidence of RECs, CRECs or HRECs in connection with the Site. This assessment has revealed evidence of *de minimis* conditions in connection with the Site. Each identified condition is described below

Recognized Environmental Conditions (RECs)

As defined by ASTM E1527-13, a recognized environmental condition is: *"the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."*

- No RECs were identified during this Phase I ESA.

Controlled Recognized Environmental Conditions

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

- No CRECs were identified during this Phase I ESA.

Historical Recognized Environmental Conditions

An HREC is "*a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable*

regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).”

- No HRECs were identified during this Phase I ESA.

De Minimis Conditions

A *de minimis* condition is a condition that “*generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies*”.

Based on the information Geosyntec obtained, Geosyntec has concluded that the following findings do not meet the definition of a REC, CREC or HREC and are therefore *de minimis* conditions:

- **Solid Waste/Debris:** Solid waste (presumed non-hazardous) was observed scattered throughout the Site during the February 2022 and November 2022 Site visits. Scattered debris piles containing one compressed natural gas (CNG) cannister, used tires, fencing materials (lumber posts and wire mesh), concrete, asphalt, and general plastic/glass trash were observed throughout the Site. Areas in the southern portion of the Site in the approximate location of a former residence appear to have been filled in. There was no indication of releases, ground surface staining, or other impacts from the solid waste/debris listed here; therefore, we do not consider this finding to be a REC, but we do consider this finding to be a *de minimis* condition.

- **Historical Agricultural Land Use:** Aerial photographs indicated that the Site and adjoining properties were used as agricultural land since at least the late 1930s for what appeared to be crop lands and/or pastures. Based on the timeframe of the observed clearings, it is possible that pesticides or herbicides (considered hazardous substances) or petroleum products were used on-site; however, no indication of pesticide/herbicide usage was found as part of this Phase I ESA. Therefore, this finding is considered a *de minimis* condition.

7.2 Data Gaps

In accordance with ASTM E1527-13, this section documents data gaps in the information obtained and reviewed as part of this Phase I ESA and discusses the associated significance. A data gap is defined as being “*a lack of or inability to obtain information required by this practice [ASTM E1527-13] despite good faith efforts by the environmental professional to gather such information*”.

Identified data gaps are presented below:

- ASTM E1527-13 states that "*interviews with past owners, operators, and occupants of the property who are likely to have material information regarding the potential for contamination at the property shall be conducted to the extent that they have been identified."* Geosyntec was not provided with and did not identify owner contact information prior to the current Site owner. However, since relevant historical documents were obtained, this limitation is not considered to be significant.

Collectively, these data gaps are not considered to be significant to the Findings or the identification of RECs given the fact that information was identified related to the Site from alternative sources.

7.3 Conclusions

Geosyntec has conducted a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 of the Site located at 1892 Ethanac Road in Perris, California 92585. Any exceptions to, or deviations from, this practice are described in Section 1.4 of this report. This assessment has revealed no evidence of RECs in connection with the Site. No *significant* data gaps were identified.

8. REFERENCES

ASTM. 2013. *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment*. ASTM International.

EDR. 2022a. *Certified Sanborn Map Report.* Environmental Data Resources (EDR). November 03.

ERIS. 2022b. *Aerial Photo Decade Package.* November 04.

ERIS. 2022c. *Historical Topographic Map Report*. November 03.

ERIS. 2022e. *City Directory Image Report*. November 22.

ERIS. 2022f. *Radius Map Report.* November 03.

9. ENVIRONMENTAL PROFESSIONAL STATEMENT

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

DRAFT

_____

Signed by Veryl Wittig - Geosyntec Consultants

The qualifications of the above-signed professional are included in Section 10.

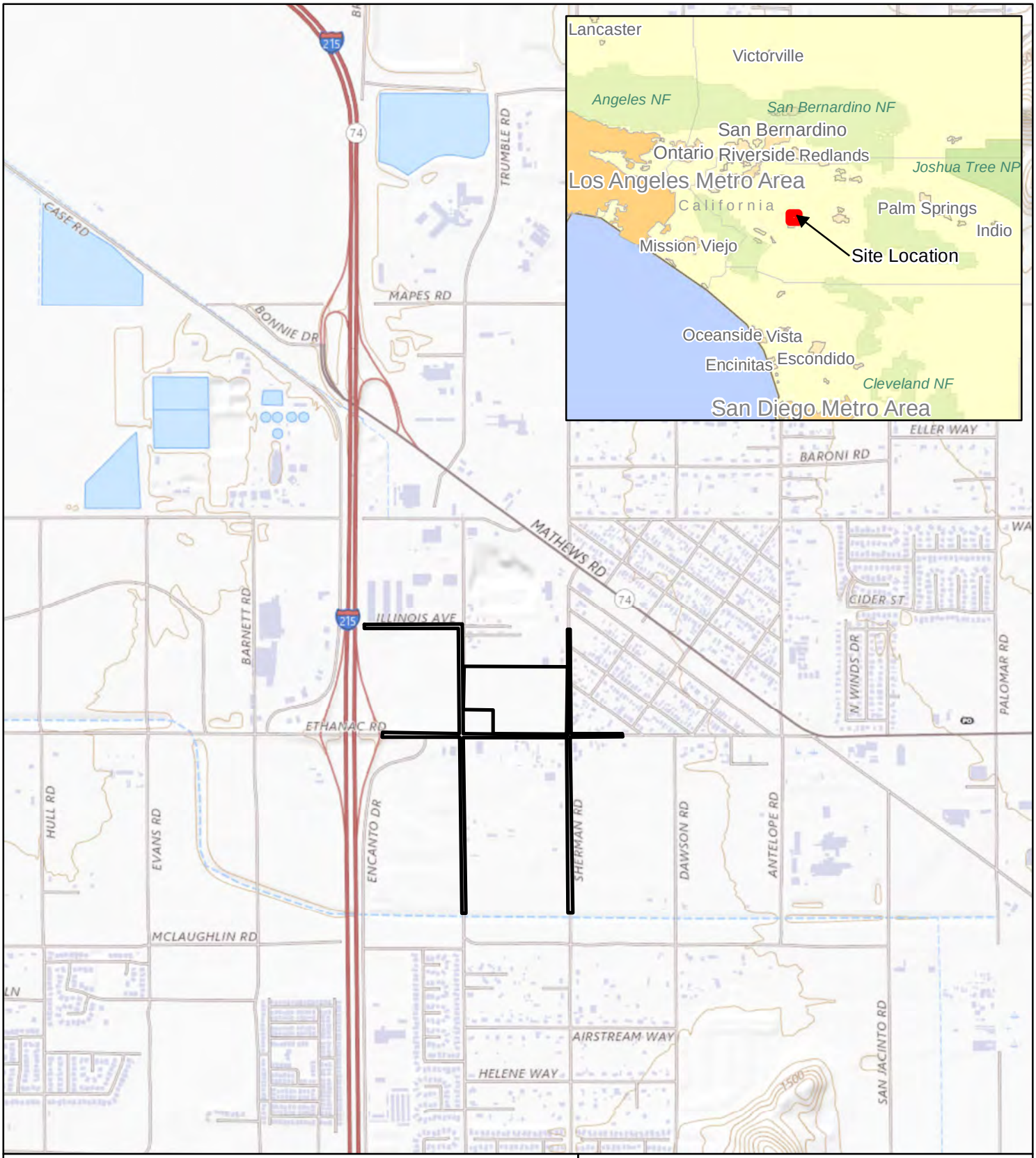
10. QUALIFICATIONS OF STAFF

Veryl Wittig, PG, CHG

Mr. Wittig is a Senior Principal Hydrogeologist with more than 30 years of diverse experience in planning, conducting, and managing multi-disciplinary due diligence projects involving Phase I Environmental Site Assessments (ESAs), contaminant investigations, vapor intrusion studies, human health risk assessments, engineering feasibility studies, environmental liability evaluations, mitigation of environmentally impaired properties, regulatory coordination, and litigation support for a variety of private and public sector clients. Mr. Wittig has conducted and/or managed more than 300 Phase I ESAs throughout the USA and northern Mexico between 1992 and the present in accordance with ASTM standards to evaluate the presence of Recognized Environmental Conditions (RECs) associated with the subject properties. The Phase I ESAs have involved a variety of complexities and property usages ranging from rural native land to highly-impacted industrial properties with more than a century of historical activity. Mr. Wittig earned a Bachelor's degree in Geological Sciences (Hydrogeology Emphasis) from San Diego State University in 1991.

FIGURES

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Legend

Site Location

N

0 500 1,000 2,000 Feet

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS

Site Location Map

1892 Ethanac Road,
Perris, California 92585

Geosyntec consultants

SC1229	April 2023

Figure 1

P:\CAD_GIS\Projects\SC1229_Perris\MXDs\Figure 1 Site Location Map.mxd 4/13/2023 7:30:37 AM



Legend

- Approximate Site boundary
- Roads Included in Site boundary
- Historical Rural Residence Areas
- Dirt Road
- Concrete Debris
- Fill dirt
- Used tires, discarded CNG cannister and fencing debris
- Location of abandoned 12-inch pipe (potential former well)

All locations are approximate.
Source:© 2023 Microsoft Corporation © 2023 Maxar ©CNES (2023) Distribution Airbus DS © 2023 TomTom

N

225 112.5 0 225
Feet

Site Layout Map

1892 Ethanac Road,
Perris, California 92585

Geosyntec consultants

SC1229 | April 2023

Figure 2

P:\CAD_GIS\Projects\SC1229_Perris\MXDs\Figure 2 Site Layout Map.mxd 4/13/2023 7:28:36 AM

APPENDICES

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APPENDIX A
Parcel Details

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Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240023
APN	329240023
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	0.90

Legal Description

POR LOT 735 MB 014/063 ROMOLA FARMS 6A Lot 735 SubdivisionName ROMOLA FARMS 6A LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$68,614			$68,614			$68,614
2020					$69,986			$69,986			$69,986
2021					$70,711			$70,711			$70,711
2022					$72,125			$72,125			$72,125

Transfer History

Doc #	Sales Price	Date	Vacant Land
2017-0369036	$0	9/6/2017	True
1988-0179194	$40,000	6/29/1988	True
1988-0174068	$28,000	6/24/1988	True
1976-0018644	$6,640	2/13/1976	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240023 / Commercial	0.90	128.00	300.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

1892 E ETHANAC RD MENIFEE CA 92585

Assessment No.	329240024
APN	329240024
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	0.89

Legal Description

POR LOT 735 MB 014/063 ROMOLA FARMS 6A Lot 735 SubdivisionName ROMOLA FARMS 6A LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$36,486			$36,486			$36,486
2020					$37,215			$37,215			$37,215
2021					$37,600			$37,600			$37,600
2022					$38,352			$38,352			$38,352

Transfer History

Doc #	Sales Price	Date	Vacant Land
1997-0138410	$25,000	4/24/1997	True
1996-9980317-UC	$0	8/23/1996	True
1994-0130225	$0	3/29/1994	True
1977-0103068	$0	6/6/1977	True
1975-0115866	$0	9/22/1975	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240024 / Commercial	0.88	128.00	300.00

Building 1 - Building Details

Address 1892 E ETHANAC RD
Type Vacant Commercial Land
Year Built 1776

Image: Sketch Image

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240025
APN	329240025
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	4.37

Legal Description

4.37 ACRES IN LOT 736 MB 014/063 ROMOLA FARMS 6A Lot 736 SubdivisionName ROMOLA FARMS 6A Acres 004.37 LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$482,403			$482,403			$482,403
2020					$492,051			$492,051			$492,051
2021					$497,148			$497,148			$497,148
2022					$507,090			$507,090			$507,090

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1991-0235462	$2,344,300	7/11/1991	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240025 / Commercial	4.37	300.00	635.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder

Riverside County, CA

Property Detail

Assessment No.	329240026
APN	329240026
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	4.80

Legal Description

4.80 ACRES IN LOT 737 MB 014/063 ROMOLA FARMS 6A Lot 737 SubdivisionName ROMOLA FARMS 6A Acres 004.80 LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$529,871			$529,871			$529,871
2020					$540,468			$540,468			$540,468
2021					$546,067			$546,067			$546,067
2022					$556,988			$556,988			$556,988

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1991-0235462	$2,344,300	7/11/1991	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240026 / Commercial	4.80	330.00	634.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240027
APN	329240027
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	2.88

Legal Description

2.88 ACRES IN POR LOT 738 MB 014/063 ROMOLA FARMS 6A Lot 738 SubdivisionName ROMOLA FARMS 6A Acres 002.88 LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$317,921			$317,921			$317,921
2020					$324,279			$324,279			$324,279
2021					$327,638			$327,638			$327,638
2022					$334,190			$334,190			$334,190

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240027 / Commercial	2.88	198.00	634.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240020
APN	329240020
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	0.96

Legal Description

POR LOT 734 MB 014/063 ROMOLA FARMS 6A Lot 734 SubdivisionName ROMOLA FARMS 6A LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$105,971			$105,971			$105,971
2020					$108,090			$108,090			$108,090
2021					$109,209			$109,209			$109,209
2022					$111,393			$111,393			$111,393

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1991-0235462	$2,344,300	7/11/1991	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240020 / Commercial	0.96	66.00	640.00

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California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240019
APN	329240019
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	1.94

Legal Description

1.94 ACRES IN POR LOT 734 MB 014/063 ROMOLA FARMS 6A Lot 734 SubdivisionName ROMOLA FARMS 6A Acres 001.94 LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$214,154			$214,154			$214,154
2020					$218,437			$218,437			$218,437
2021					$220,700			$220,700			$220,700
2022					$225,114			$225,114			$225,114

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1991-0235462	$2,344,300	7/11/1991	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240019 / Commercial	1.94	132.00	640.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240018
APN	329240018
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	0.98

Legal Description

POR LOT 734 MB 014/063 ROMOLA FARMS 6A Lot 734 SubdivisionName ROMOLA FARMS 6A LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$108,179			$108,179			$108,179
2020					$110,342			$110,342			$110,342
2021					$111,485			$111,485			$111,485
2022					$113,714			$113,714			$113,714

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1991-0235462	$2,344,300	7/11/1991	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240018 / Commercial	0.98	66.00	640.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240017
APN	329240017
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	1.00

Legal Description

POR LOT 734 MB 014/063 ROMOLA FARMS 6A Lot 734 SubdivisionName ROMOLA FARMS 6A LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$110,388			$110,388			$110,388
2020					$112,595			$112,595			$112,595
2021					$113,761			$113,761			$113,761
2022					$116,036			$116,036			$116,036

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1991-0235462	$2,344,300	7/11/1991	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240017 / Commercial	1.00	66.00	640.00

Riverside County is not liable for erroneous or incomplete data.
California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

Assessor - County Clerk - Recorder
Riverside County, CA

Property Detail

Assessment No.	329240016
APN	329240016
Property Type	Vacant Commercial Land
Neighborhood	Land - Banning, Beaumont, Lake Elsinore, Perris, Moreno Valley,
Acreage	2.91

Legal Description

2.91 ACRES M/L IN POR LOT 733 MB 014/063 ROMOLA FARMS 6A Lot 733 SubdivisionName ROMOLA FARMS 6A Acres 002.91 M/L LotType Lot RecMapType Map Book MapPlatB 014 MapPlatP 063 PortionLot Portion

Value History (Part 1)

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2019	01/01/2019								
2020	01/01/2020								
2021	01/01/2021								
2022	01/01/2022								

Value History (Part 2)

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2019					$321,234			$321,234			$321,234
2020					$327,658			$327,658			$327,658
2021					$331,052			$331,052			$331,052
2022					$337,673			$337,673			$337,673

Transfer History

Doc #	Sales Price	Date	Vacant Land
2021-0718294	$0	12/6/2021	True
2013-0295523	$0	6/20/2013	True
2005-1081168	$200,000	12/30/2005	True
2000-0728644	$0	1/26/2000	True
2000-0028644	$0	1/26/2000	True
1978-0031102	$0	2/16/1978	True
1978-0031101	$0	2/16/1978	True
1978-0001328	$0	1/4/1978	True

Features

Land Details

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 329240016 / Commercial	2.91	198.00	640.00

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California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 4/12/2023

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCEL MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.

POR. SW 10 T.5S., R.3W.

CITY OF PERRIS

T.R.A. 008-096
026-208
026-209
026-294

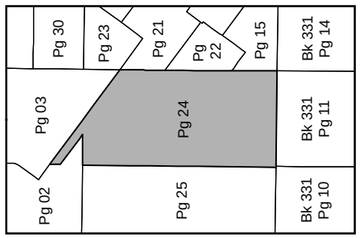
329-24

22-38

Legend
- Lot Lines
- Right-Of-Way
- Old Lot Lines
- Reference R.O.W
- Other Easements
- Lease Area
- Subdivision Tic Mark

N E S W

1 " = 200 '



Date	Old Number	New Number
5/1/1985	1	34,35
7/1/1985	2,3,33,34	36
7/1/1985	36	37-39
1/1/1986	35	40
1/1/1986	38	41
1/1/1986	41	42,43
1/1/1986	5,6,43	44
9/1/1986	40	45,ST
4/1/1988	43	46,ST
8/1/1992	44	47,48
8/1/1997	4	49,50
8/1/1997	47	51,52
5/1/2004	32	53,ST
1/1/2007	29	54,ST
11/29/2010	030-30	55

SHERMAN ROAD
TRUMBLE ROAD
ETHANAC ROAD
WATSON RD
HWY 74
A.T & S.F. R.R.
SBE 604-33-19D PAR. 20A
PU
W.H.
R.F. 6A
L=113.73
524.53
N00-10-00E
N89-37-00W
PERRIS CITY LIMITS
TRA 026-208
TRA 026-209
TRA 026-294
TRA 008-096
LOT 1
LOT 8
53 8.22 AC M/L
37 2.90 AC M/L
55 2.73 AC
48 15.43 AC
51 1.29 AC
14 3.22 AC
15 1.94 AC M/L
16 2.91 AC M/L
19 1.94 AC
22 1.67 AC
31 4.49 AC
27 2.88 AC M/L
26 4.80 AC
25 4.37 AC
28 1.00 AC
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Data
MB 14/681 S.D. WATERS HOMESTEAD
RS 77/40, 77/51
L.L.A. 2169

Map Reference *
MB 14/681 - 0 S.D. WATERS HOMESTEAD
MB 14/63 - 65 ROMOLA FARMS NO. 6A

ASSESSOR'S MAP BK329 PG.24
Riverside County, Calif.

JHernandez

November 2010

APPENDIX B
Historical Records and EDR Reports

DRAFT

Hillwood Ethanac

Ethanac Road and Sherman Road

Sun City, CA 92585

Inquiry Number: 7169074.3

November 03, 2022

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

11/03/22

Site Name:

Hillwood Ethanac
Ethanac Road and Sherman R
Sun City, CA 92585
EDR Inquiry # 7169074.3

Client Name:

GeoSyntec Consultants
16644 West Bernardo Drive SUITE 301
SAN DIEGO, CA 92127
Contact: Jackie Hyman

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Certified Sanborn Results:

Certification # 1A1A-40AD-8FC9

PO # NA

Project SC1229

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 1A1A-40AD-8FC9

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

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Hillwood Ethanac

Ethanac Road and Sherman Road

Sun City, CA 92585

Inquiry Number: 7169074.8

November 04, 2022

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

11/04/22

Site Name:

Hillwood Ethanac
Ethanac Road and Sherman R
Sun City, CA 92585
EDR Inquiry # 7169074.8

Client Name:

GeoSyntec Consultants
16644 West Bernardo Drive SUITE 301
SAN DIEGO, CA 92127
Contact: Jackie Hyman

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

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1997	1"=500'	Flight Date: October 16, 1997	USGS
1996	1"=500'	Acquisition Date: January 01, 1996	USGS/DOQQ
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1967	1"=500'	Flight Date: May 15, 1967	USDA
1961	1"=500'	Flight Date: August 18, 1961	USDA
1953	1"=500'	Flight Date: August 28, 1953	USDA
1949	1"=500'	Flight Date: May 23, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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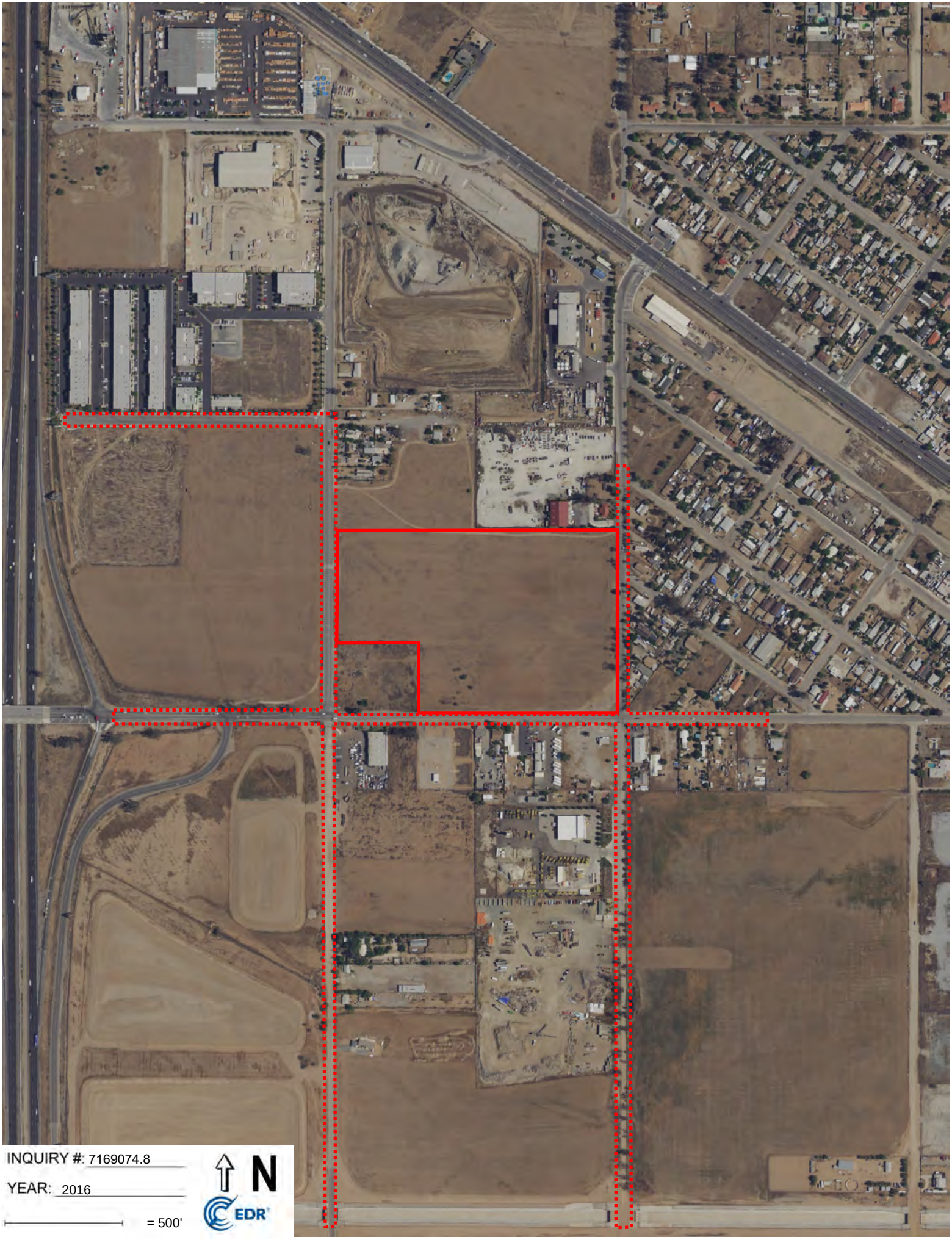
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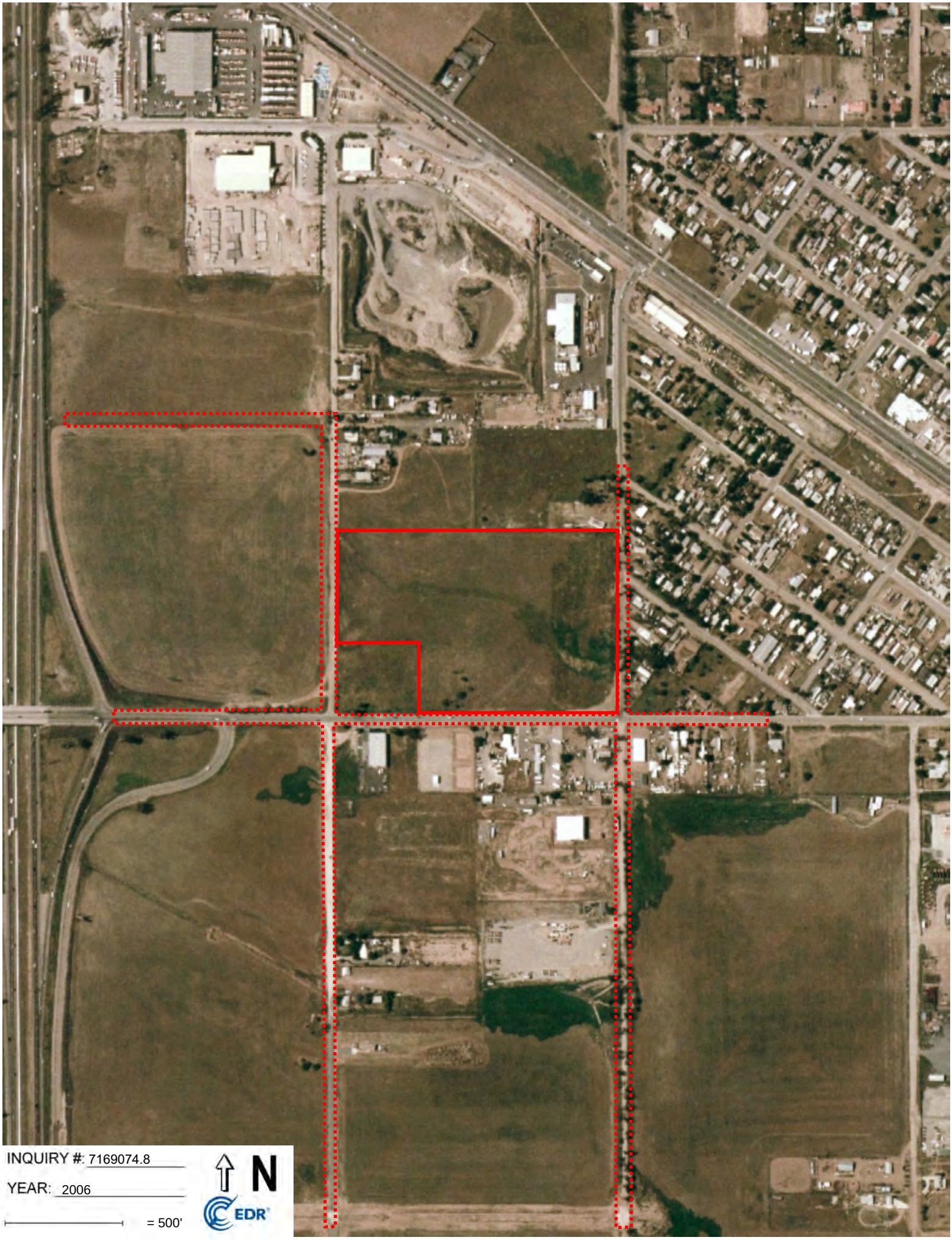
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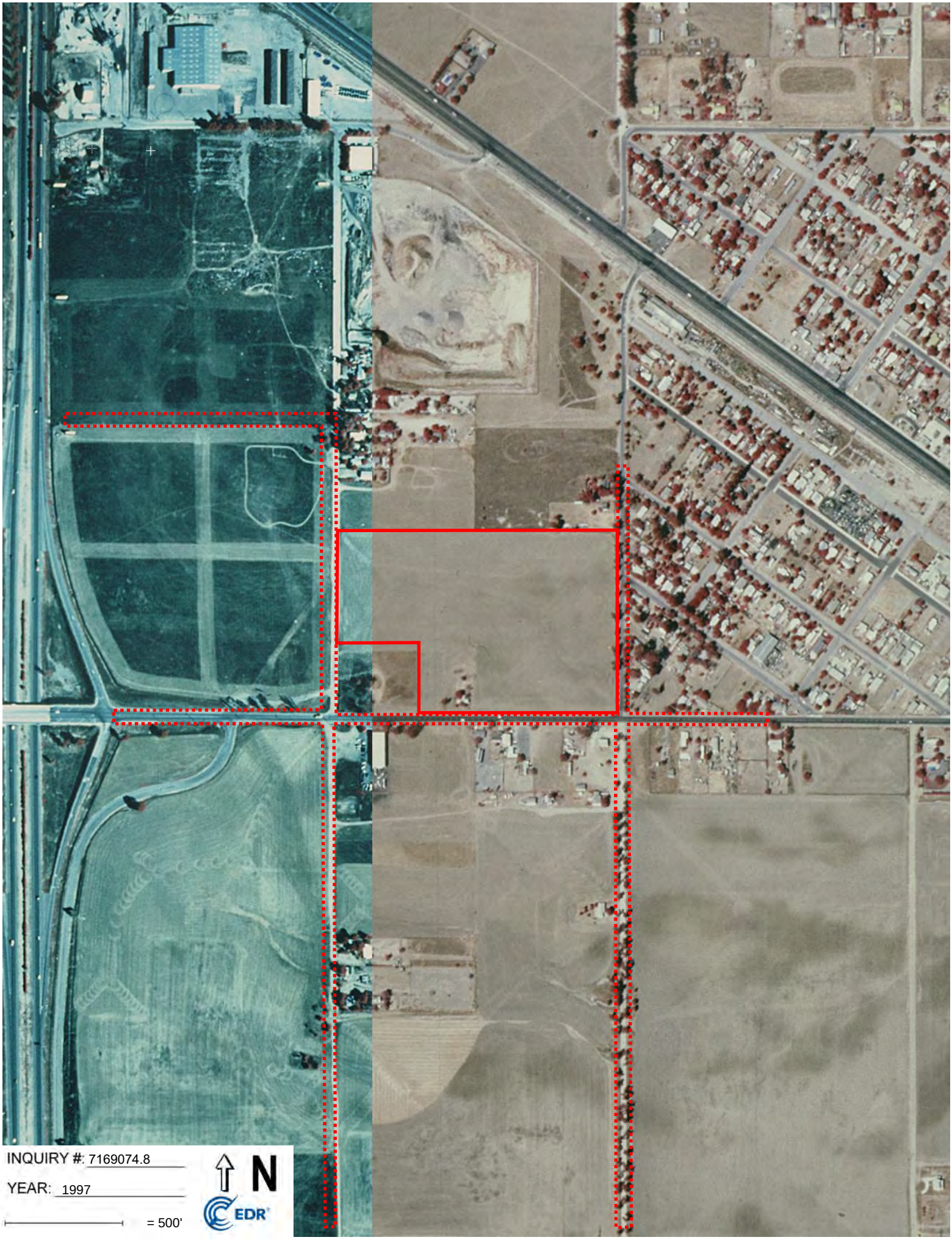

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YEAR: 2016
= 500'
N
EDR

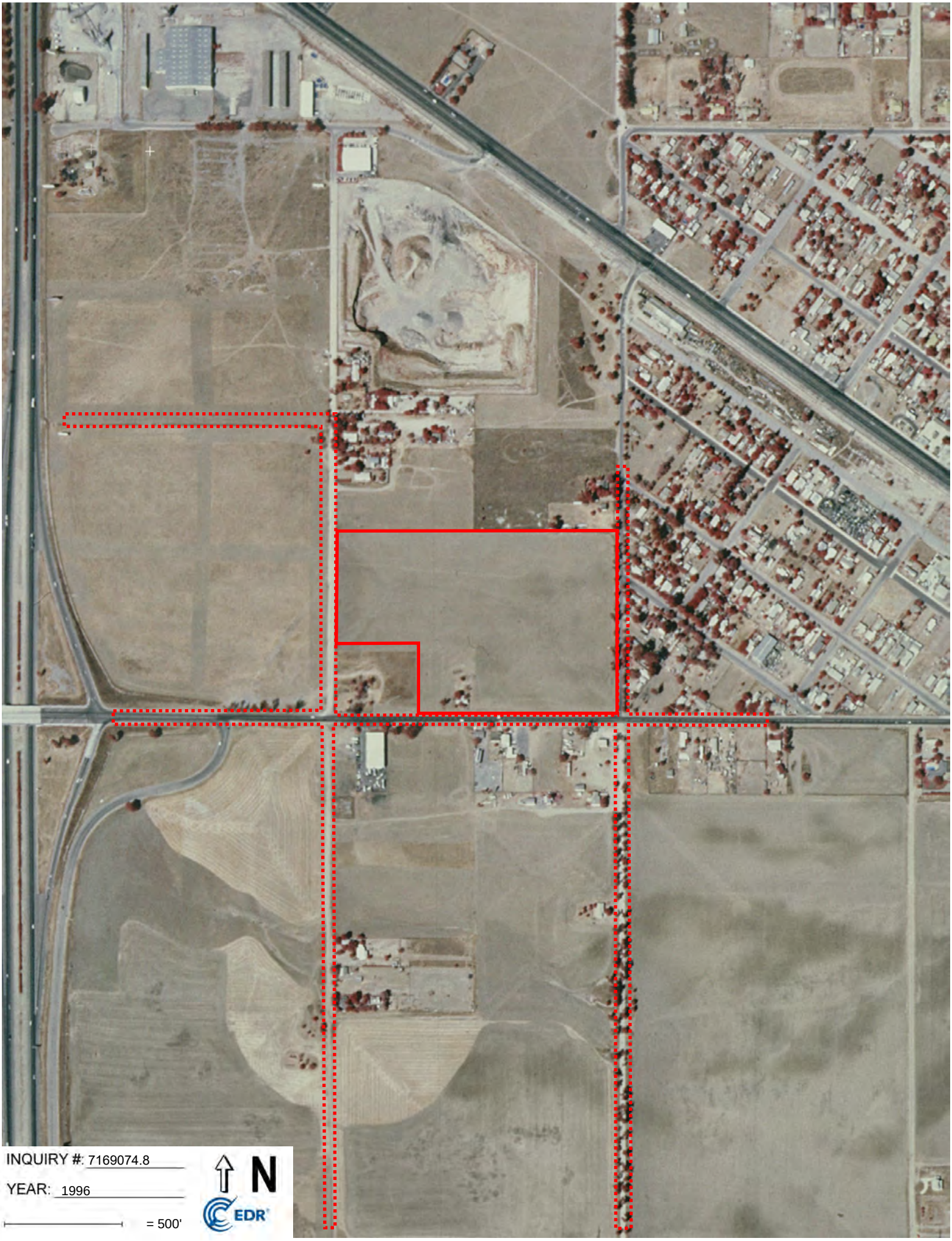

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N
EDR


INQUIRY #: 7169074.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1997
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1996
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1989
= 500'
N
EDR

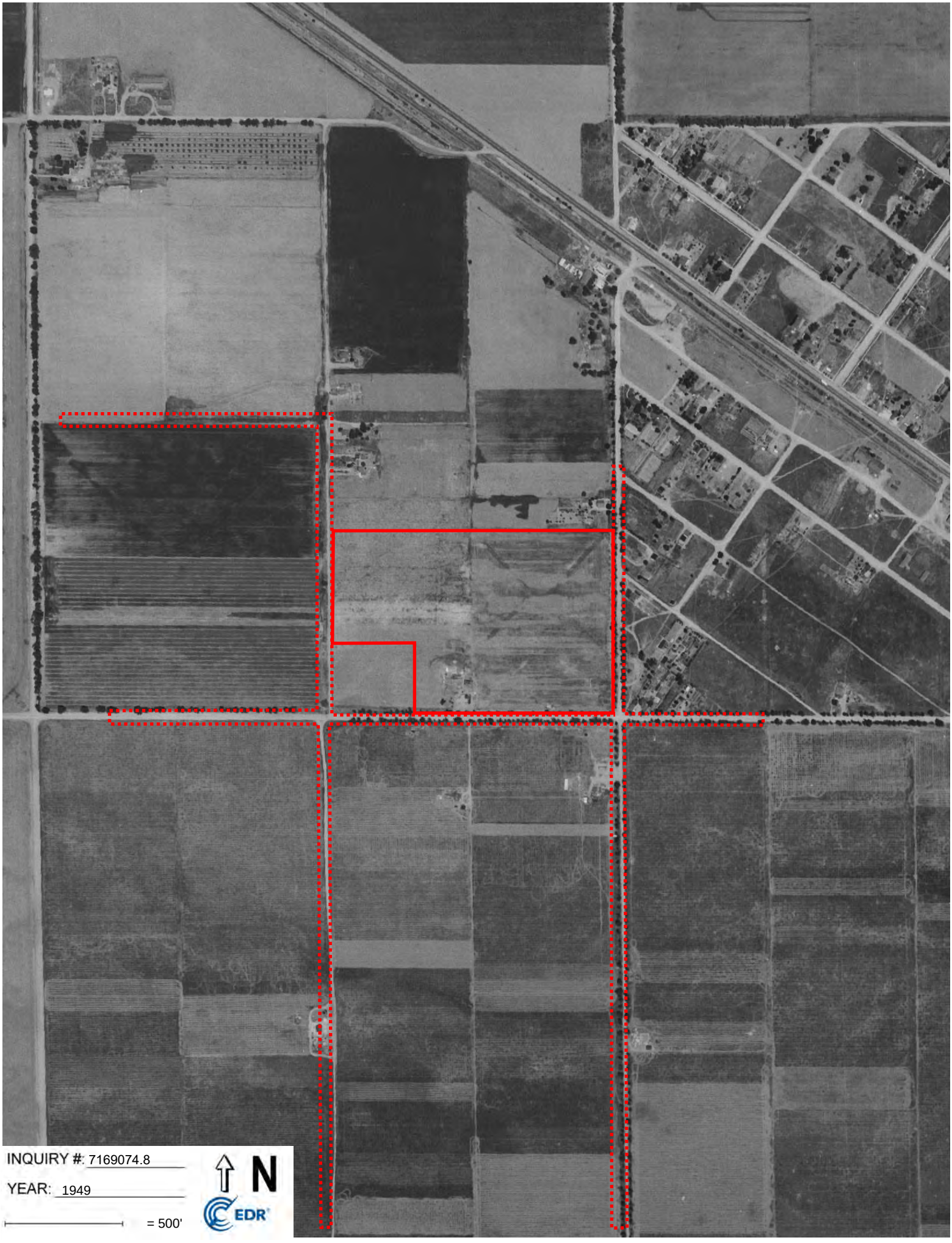

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YEAR: 1985
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N
EDR


INQUIRY #: 7169074.8
YEAR: 1978
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1967
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1961
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1953
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1949
= 500'
N
EDR


INQUIRY #: 7169074.8
YEAR: 1938
= 500'
N
EDR

Hillwood Ethanac

Ethanac Road and Sherman Road

Sun City, CA 92585

Inquiry Number: 7169074.4

November 03, 2022

EDR Historical Topo Map Report

with QuadMatch™

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

EDR Historical Topo Map Report

11/03/22

Site Name:	Client Name:
Hillwood Ethanac	GeoSyntec Consultants
Ethanac Road and Sherman R	16644 West Bernardo Drive SUITE 301
Sun City, CA 92585	SAN DIEGO, CA 92127
EDR Inquiry # 7169074.4	Contact: Jackie Hyman

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

Search Results:

P.O.# NA

Project: SC1229

Coordinates:

Latitude:	33.744313 33° 44' 40" North
Longitude:	-117.182634 -117° 10' 57" West
UTM Zone:	Zone 11 North
UTM X Meters:	483083.77
UTM Y Meters:	3733821.48
Elevation:	1431.00' above sea level

Maps Provided:

2018	1943
2015	1942
2012	1901
1979	
1973	
1967	
1953	
1947	

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Topo Sheet Key

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

2018 Source Sheets



Romoland
2018
7.5-minute, 24000



Perris
2018
7.5-minute, 24000

2015 Source Sheets



Romoland
2015
7.5-minute, 24000



Perris
2015
7.5-minute, 24000

2012 Source Sheets

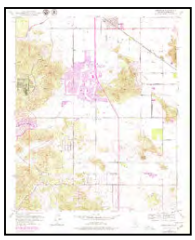


Romoland
2012
7.5-minute, 24000



Perris
2012
7.5-minute, 24000

1979 Source Sheets



Romoland
1979
7.5-minute, 24000
Aerial Photo Revised 1976

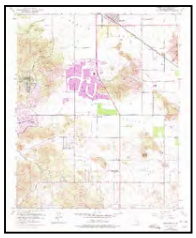


Perris
1979
7.5-minute, 24000
Aerial Photo Revised 1978

Topo Sheet Key

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

1973 Source Sheets

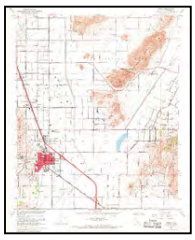


Romoland
1973
7.5-minute, 24000
Aerial Photo Revised 1973



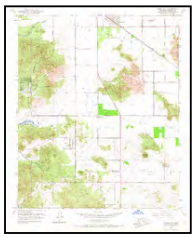
Perris
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets



Perris
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1953 Source Sheets



Romoland
1953
7.5-minute, 24000
Aerial Photo Revised 1951



Perris
1953
7.5-minute, 24000
Aerial Photo Revised 1951

1947 Source Sheets



MURRIETA
1947
15-minute, 50000

Topo Sheet Key

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

1943 Source Sheets



Murrieta
1943
15-minute, 62500
Aerial Photo Revised 1939



PERRIS
1943
15-minute, 62500

1942 Source Sheets



Perris
1942
15-minute, 62500
Aerial Photo Revised 1939



Murrieta
1942
15-minute, 62500
Aerial Photo Revised 1939

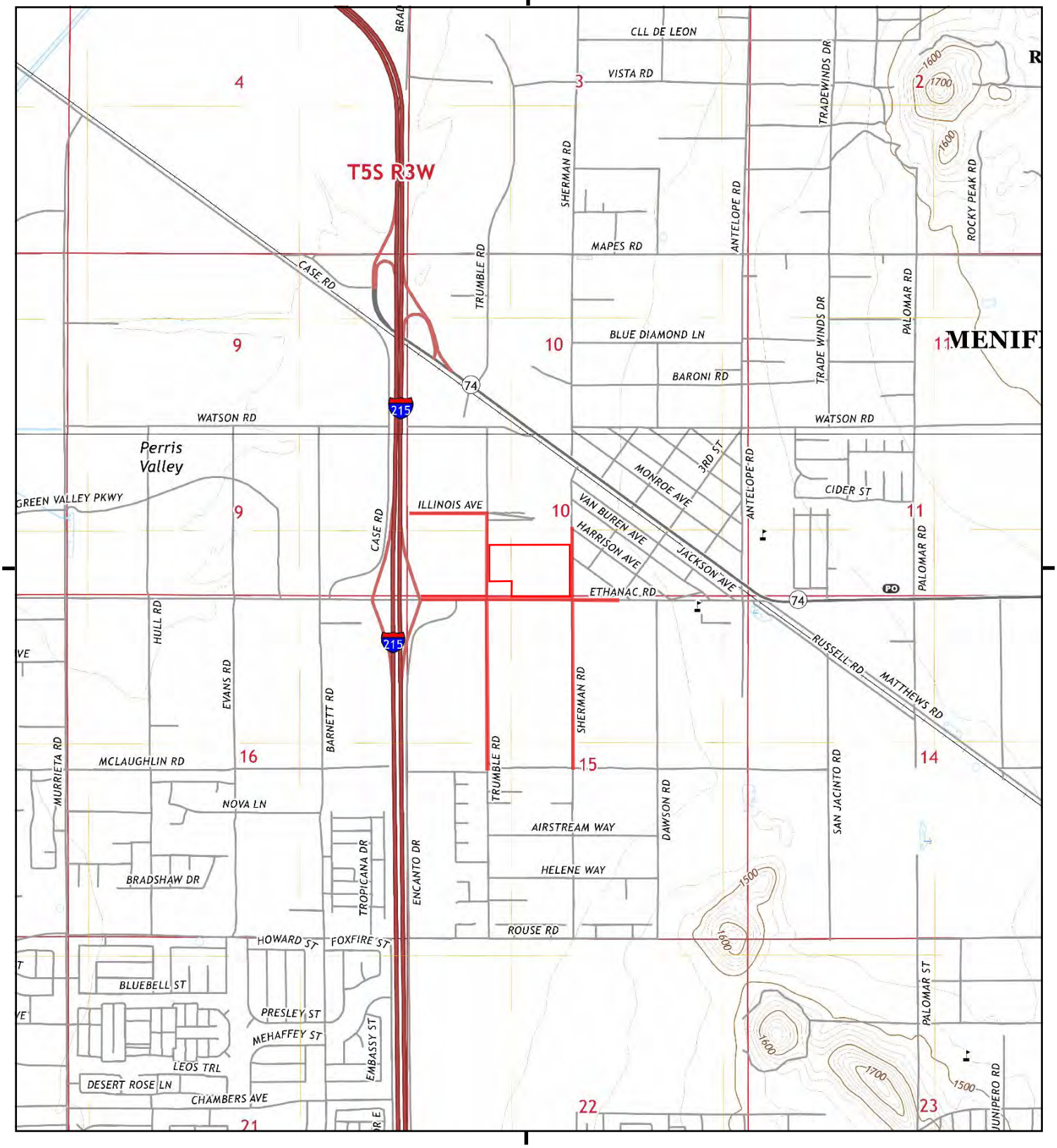
1901 Source Sheets



Elsinore
1901
30-minute, 125000

Historical Topo Map

2018



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

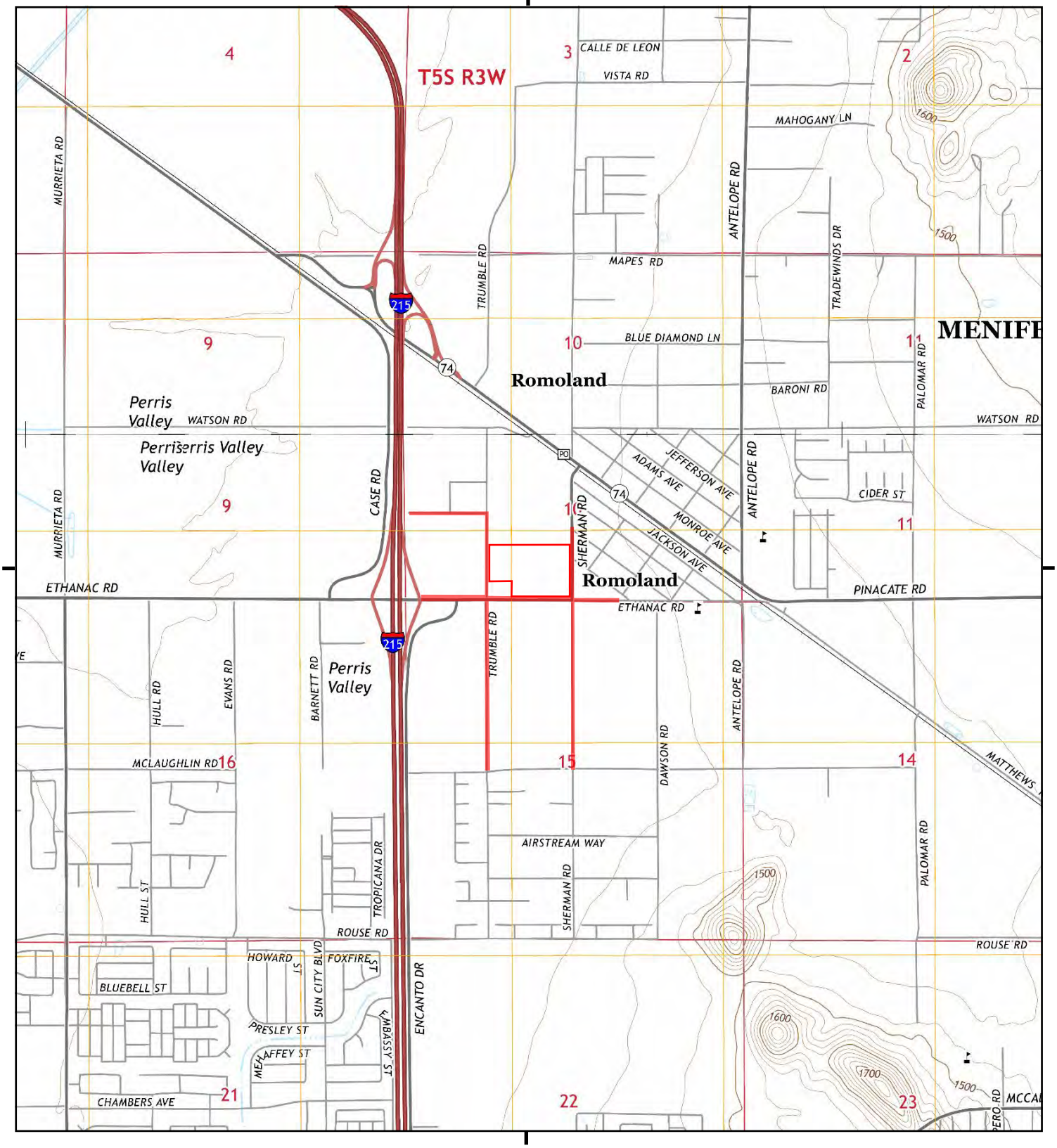
TP, Romoland, 2018, 7.5-minute
N, Perris, 2018, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

Historical Topo Map

2015



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

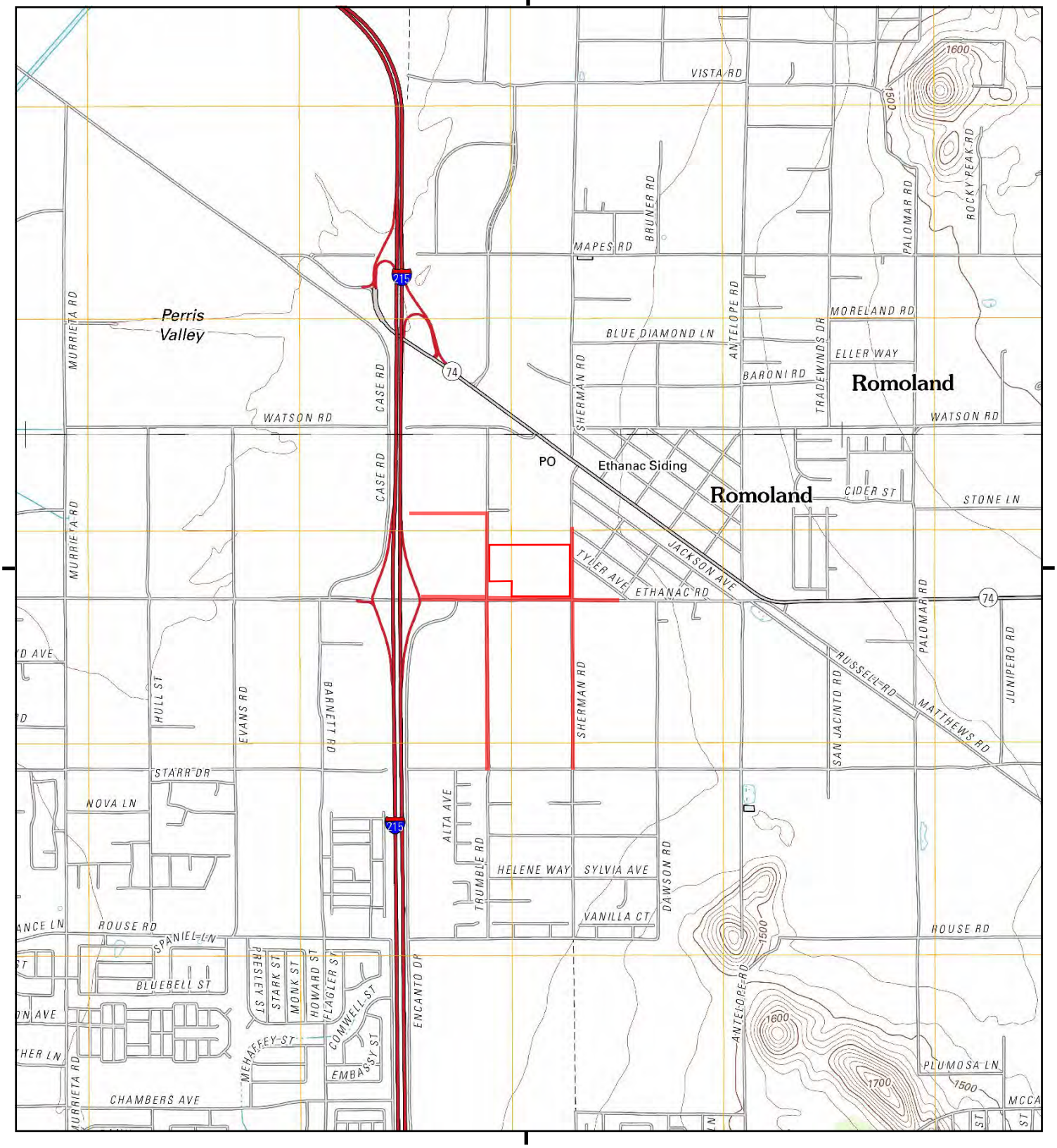
TP, Romoland, 2015, 7.5-minute
N, Perris, 2015, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

Historical Topo Map

2012



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

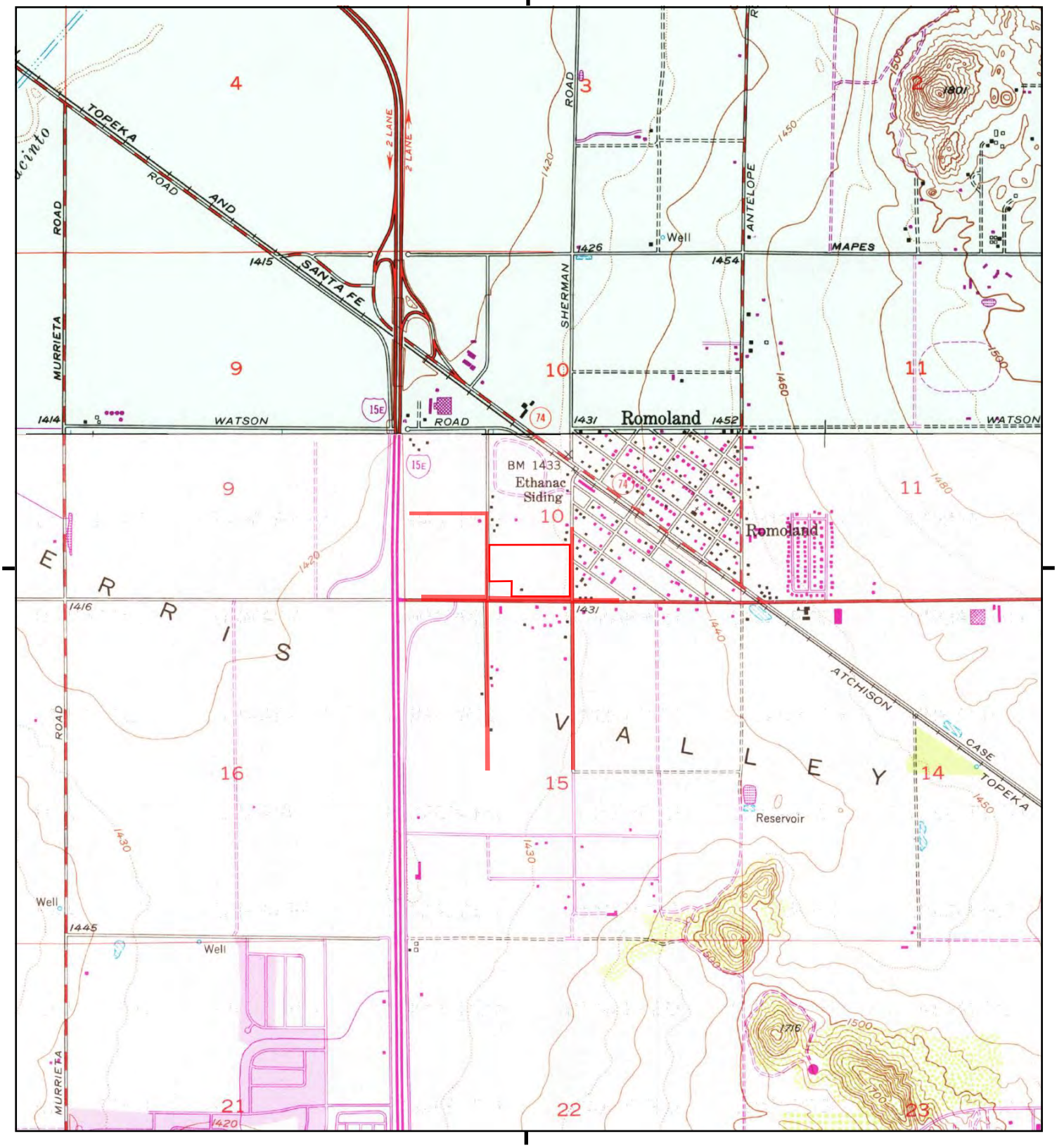
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Romoland, 2012, 7.5-minute
N, Perris, 2012, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

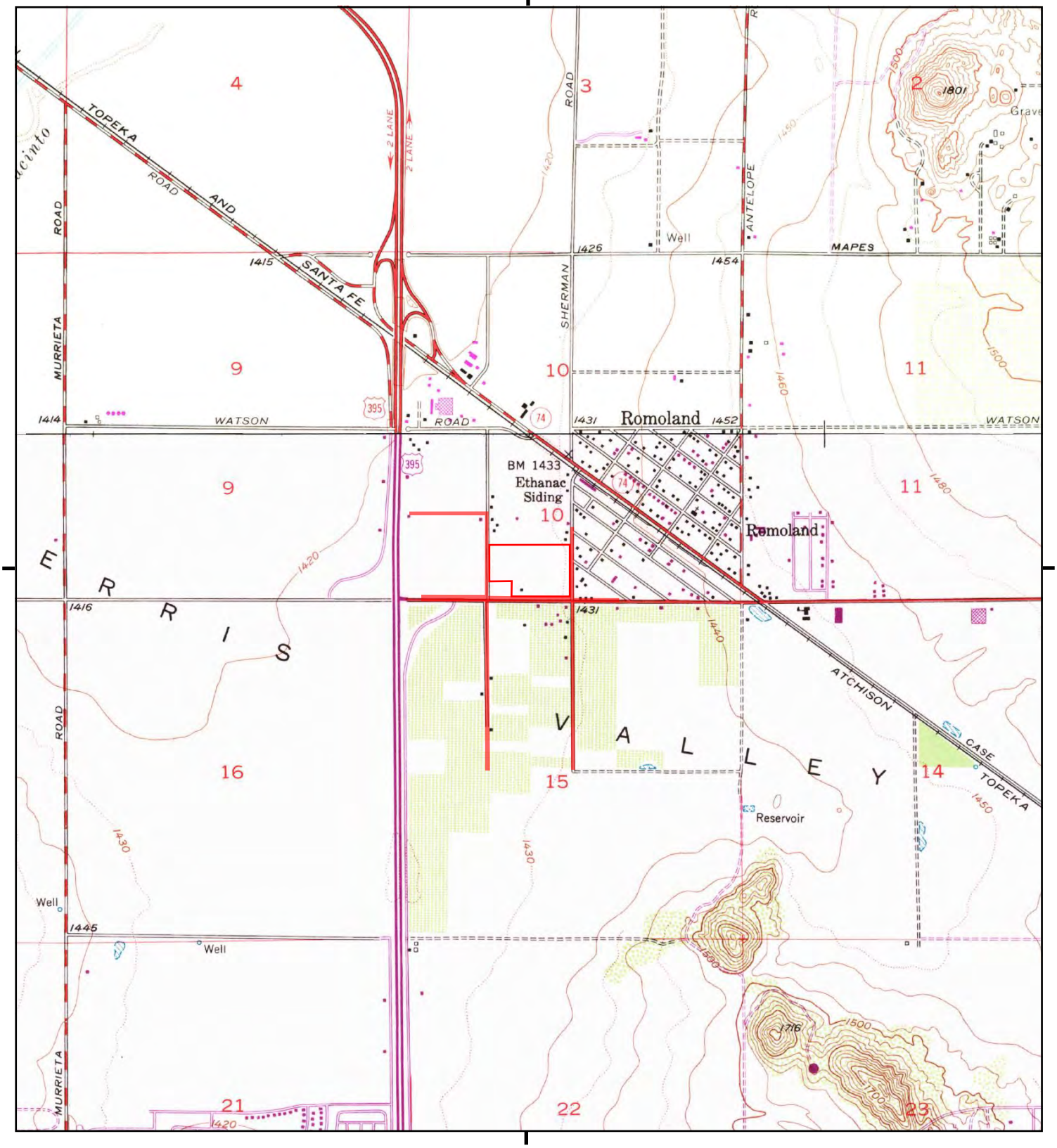
TP, Romoland, 1979, 7.5-minute
N, Perris, 1979, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

Historical Topo Map

1973



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

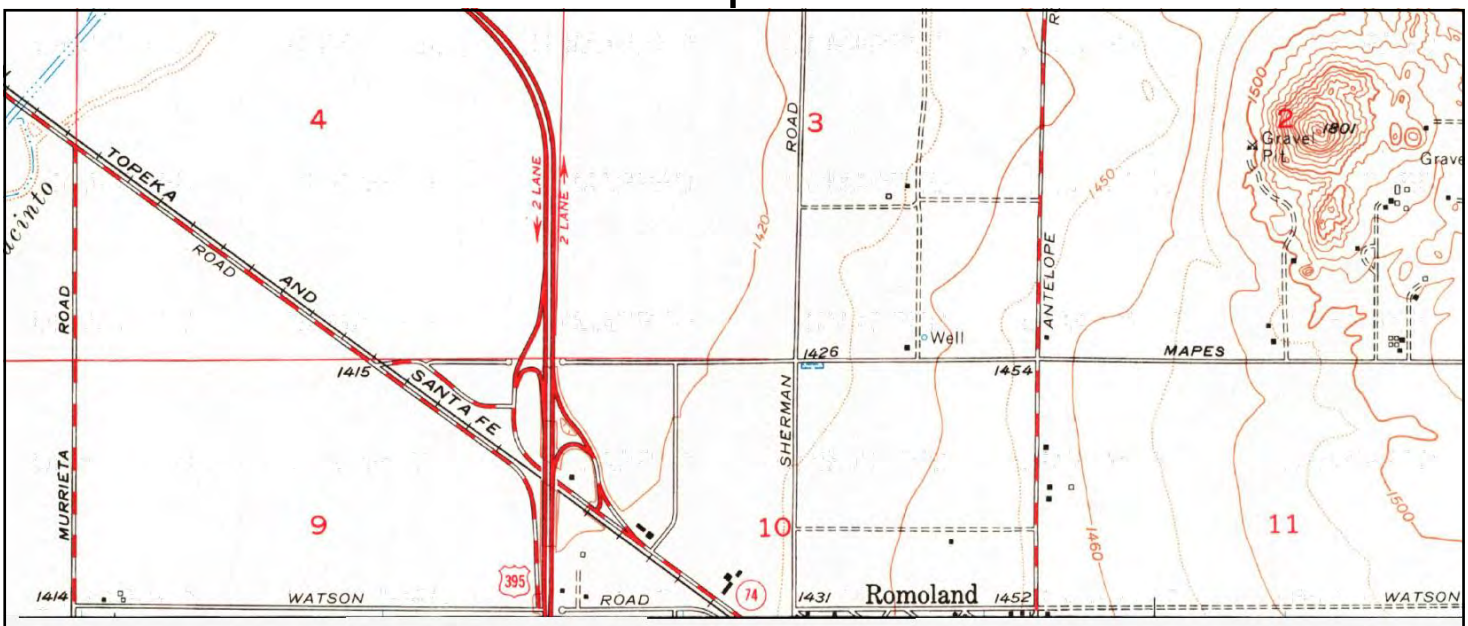
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Romoland, 1973, 7.5-minute
N, Perris, 1973, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N



UNMAPPED

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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

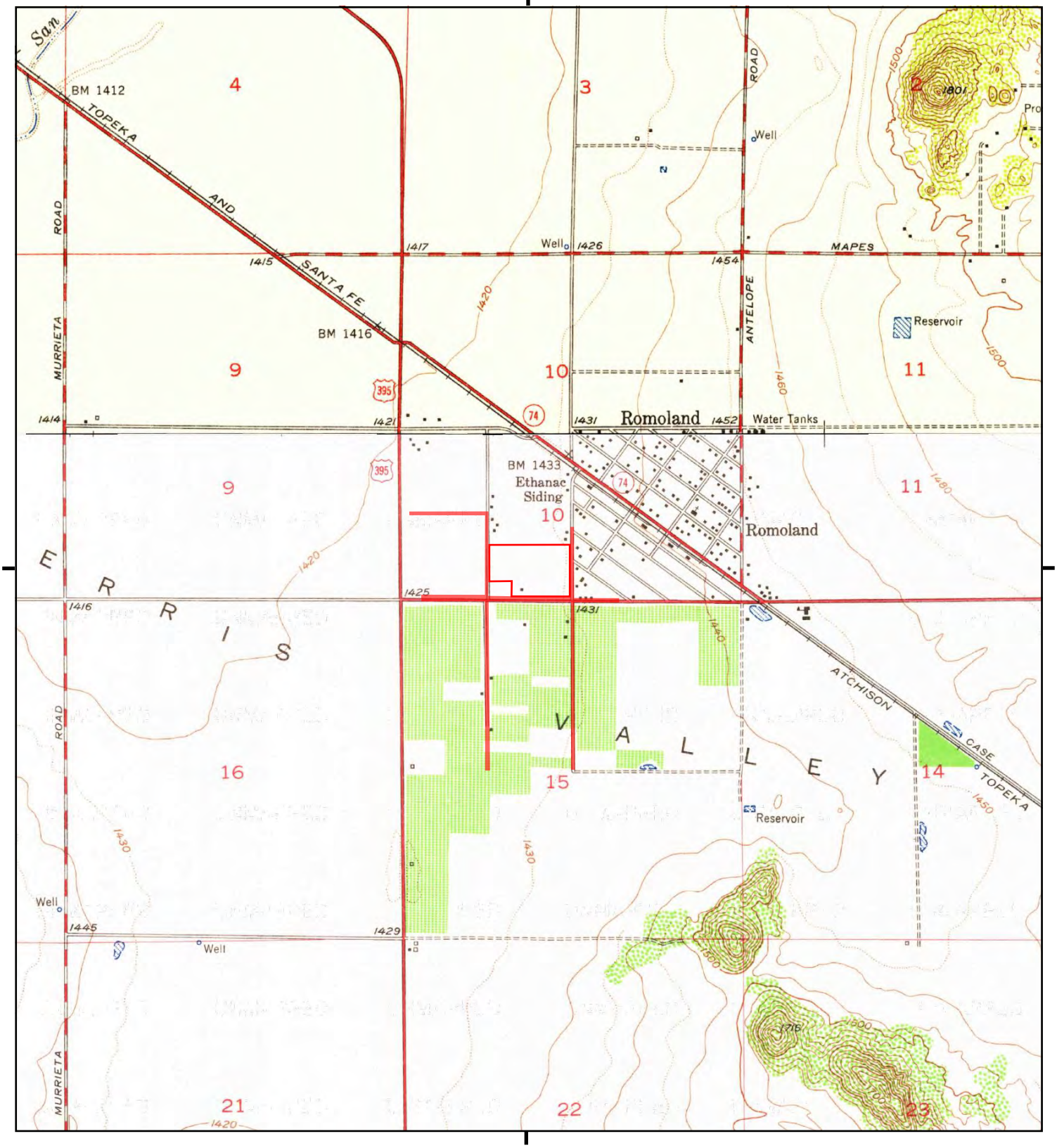
N, Perris, 1967, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

Historical Topo Map

1953



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

0 Miles 0.25 0.5 1 1.5

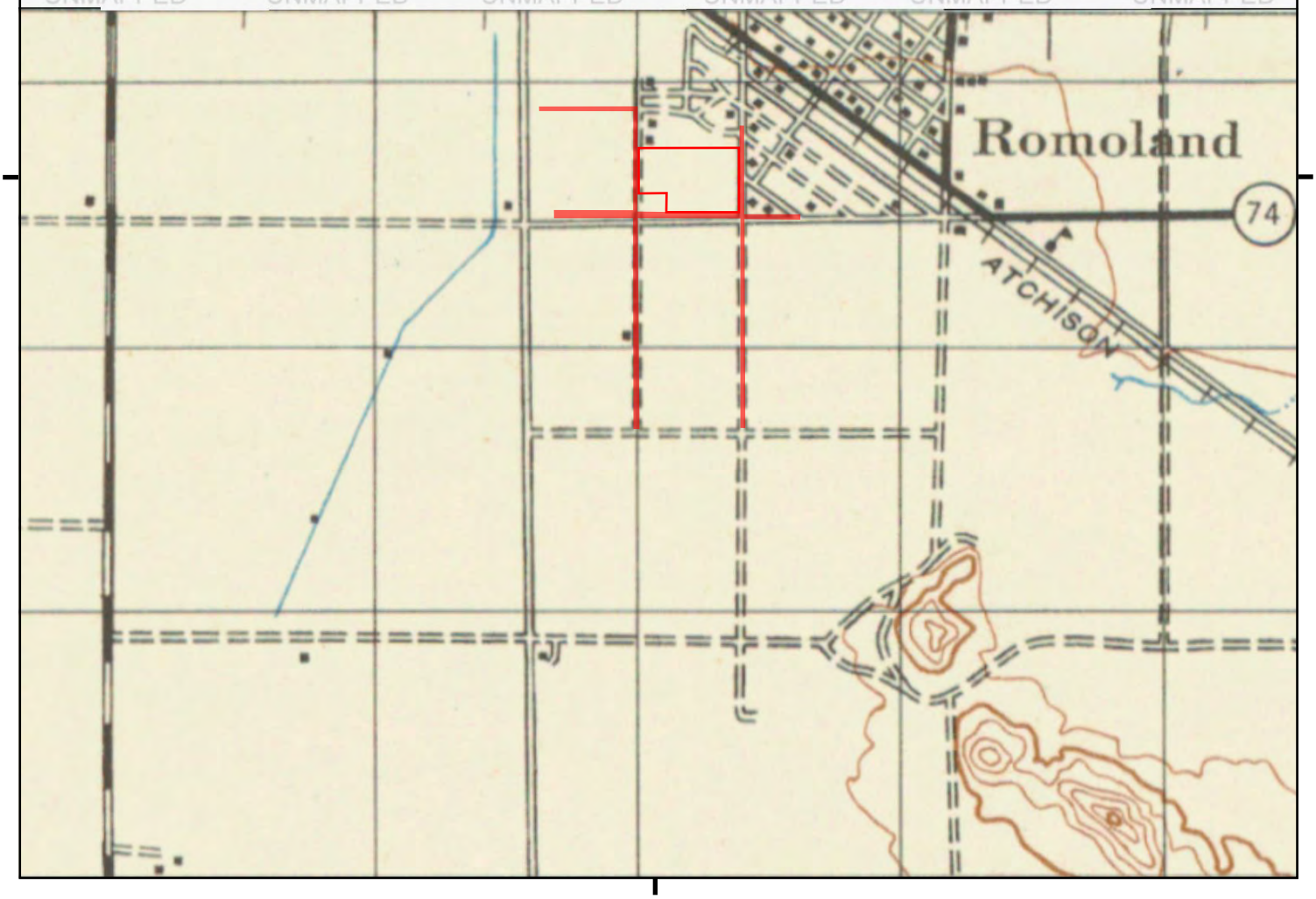
NW N NE
W E
SW S SE

TP, Romoland, 1953, 7.5-minute
N, Perris, 1953, 7.5-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED UNMAPPED
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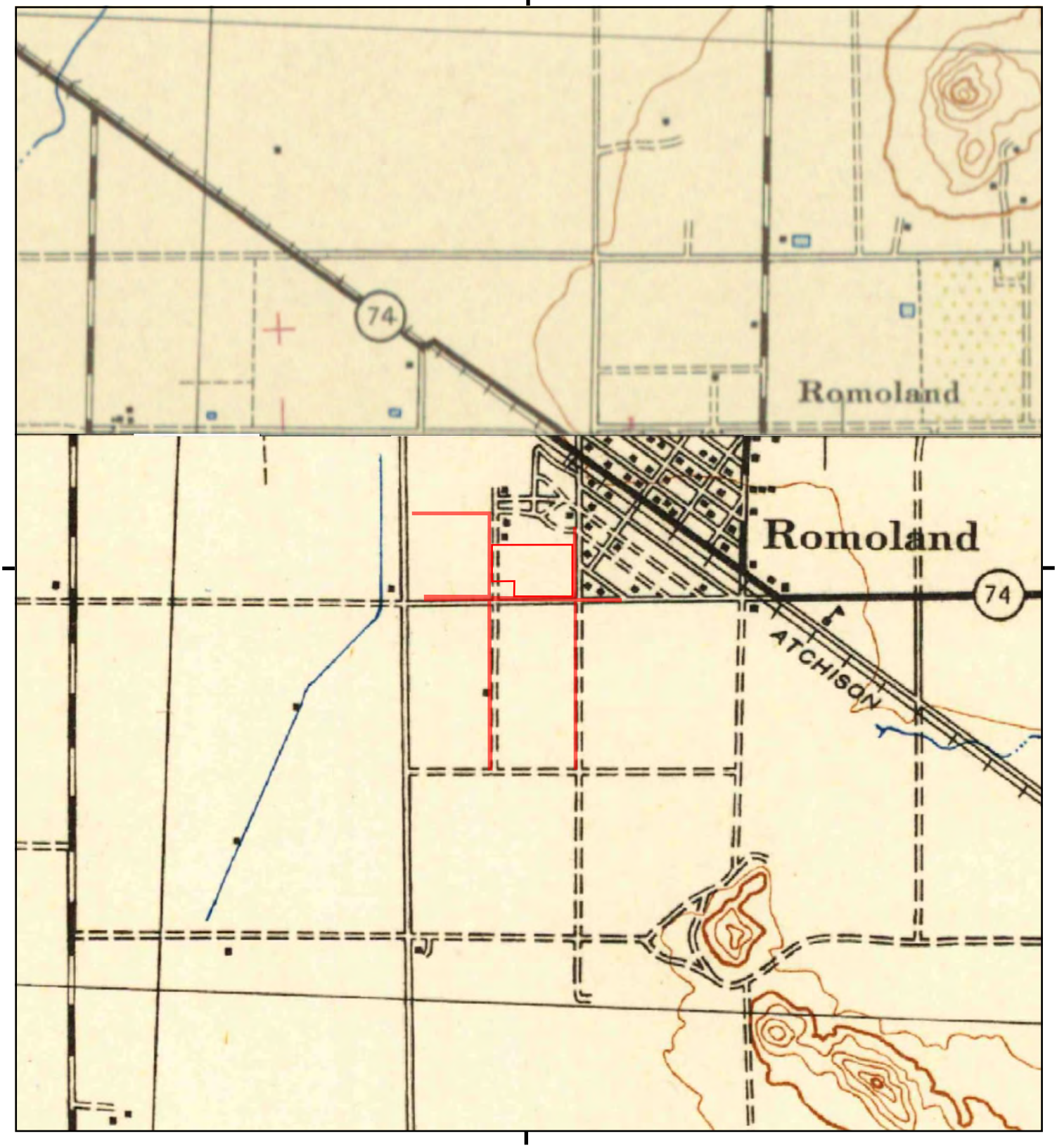
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, MURRIETA, 1947, 15-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

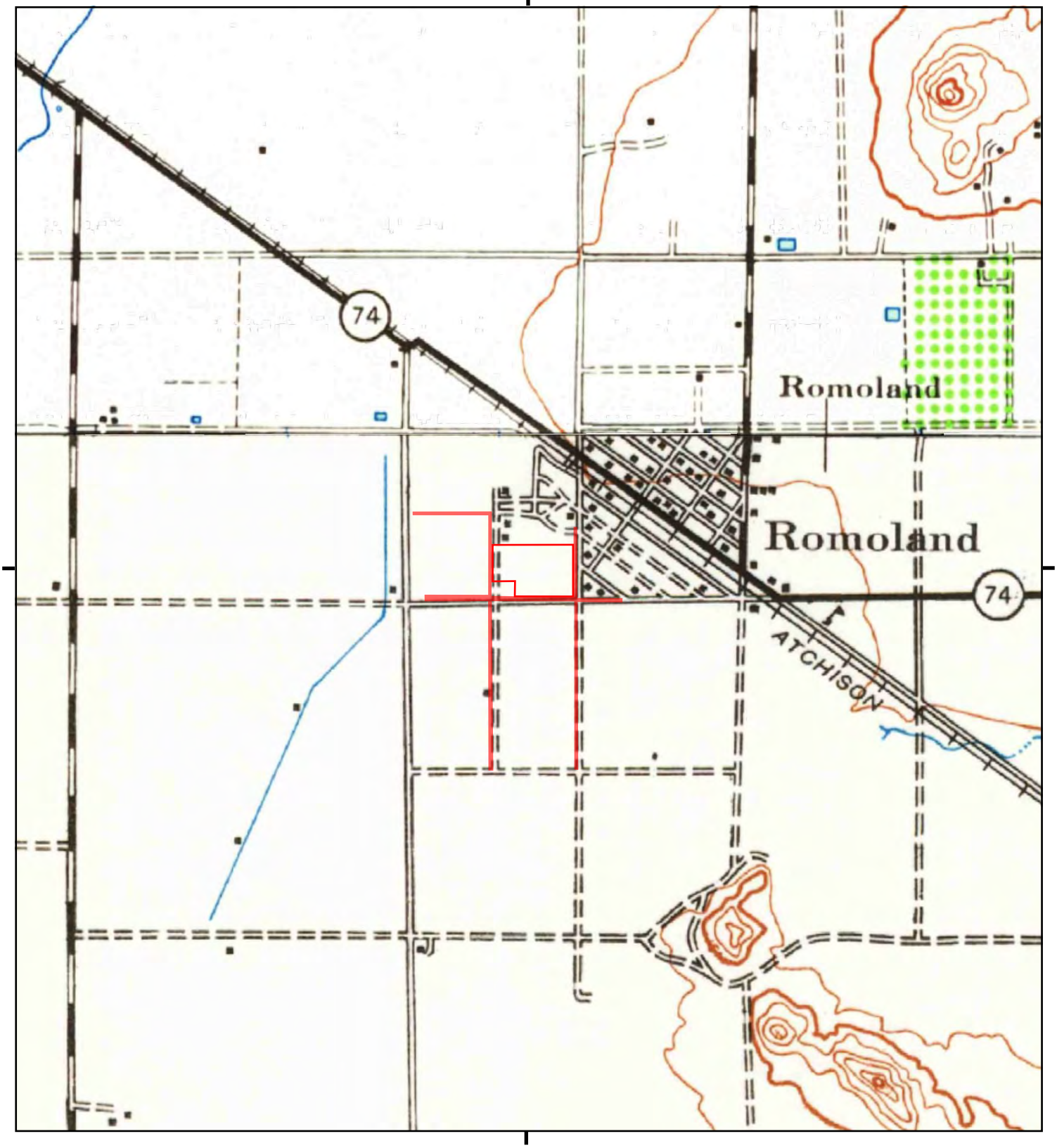
TP, Murrieta, 1943, 15-minute
N, PERRIS, 1943, 15-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

Historical Topo Map

1942



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

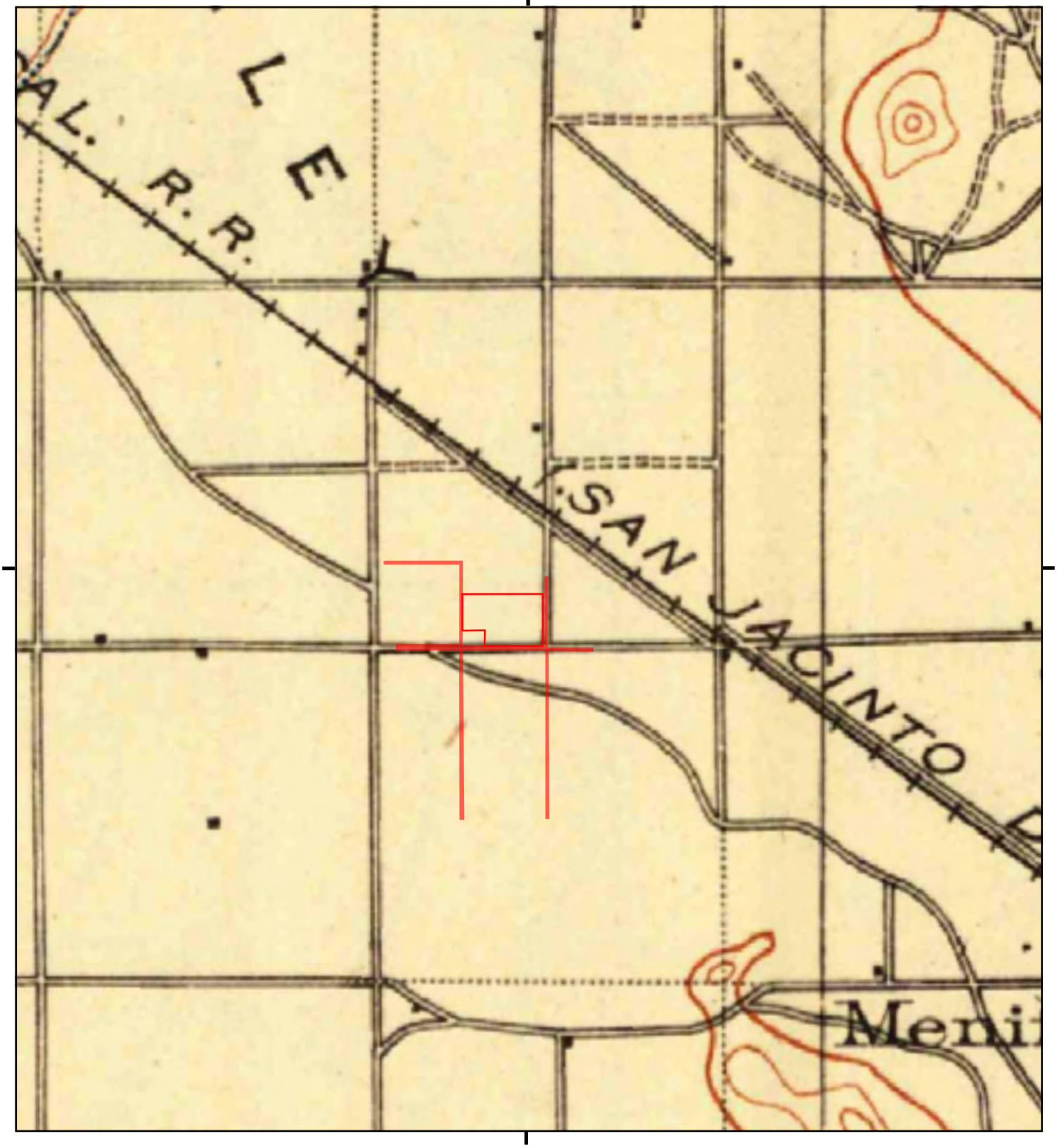
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Murrieta, 1942, 15-minute
N, Perris, 1942, 15-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N



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

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elsinore, 1901, 30-minute

SITE NAME: Hillwood Ethanac
ADDRESS: Ethanac Road and Sherman Road
Sun City, CA 92585
CLIENT: GeoSyntec Consultants

N

Hillwood Ethanac
Ethanac Road and Sherman Road
Sun City, CA 92585

Inquiry Number: 7169074.5
November 22, 2022

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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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
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2010	☑	☐	EDR Digital Archive
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1990	☑	☐	Haines Criss-Cross Directory
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1976	☑	☐	Haines Criss-Cross Directory
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Ethanac Road and Sherman Road
Sun City, CA 92585

Year	*CD Image*	*Source*	
ETHANAC RD			
2017	pg A1	EDR Digital Archive	
2014	pg A3	EDR Digital Archive	
2010	pg A6	EDR Digital Archive	
2005	pg A9	EDR Digital Archive	
2000	pg A12	EDR Digital Archive	
1995	pg A14	EDR Digital Archive	
1992	pg A16	EDR Digital Archive	
1990	pg A18	Haines Criss-Cross Directory	
1985	pg A20	Haines Criss-Cross Directory	
1980	pg A22	Haines Criss-Cross Directory	
1976	pg A25	Haines Criss-Cross Directory	
1976	pg A26	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source
SHERMAN RD			
2017	pg A2	EDR Digital Archive	
2014	pg A4	EDR Digital Archive	
2010	pg A7	EDR Digital Archive	
2005	pg A10	EDR Digital Archive	
2000	pg A13	EDR Digital Archive	
1995	pg A15	EDR Digital Archive	
1992	pg A17	EDR Digital Archive	
1990	pg A19	Haines Criss-Cross Directory	
1985	pg A21	Haines Criss-Cross Directory	
1980	pg A23	Haines Criss-Cross Directory	
1980	pg A24	Haines Criss-Cross Directory	
1976	pg A27	Haines Criss-Cross Directory	

FINDINGS

Year	***CD Image***	***Source***	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ETHANAC RD 2017

26481	RUIZ, ROBERTO
27271	AGAPE AUTOBODY & PAINT
	AIR & HOSE SOURCE
	TOP TECH AUTO & SONS
	UHAUL
27381	SAFWAY SERVICES
27391	ARCOS, CELESTINO
27411	CAMBEROS SMOG
	CHANEYS CERTIFIED AUTO
	CHANEYS CERTIFIED AUTO REPAIR
27451	DERAS, VERONICA
27546	VALDIVIA, MARVIN
27555	GODINA, ALEJO
27556	BLACKWOOD, GEORGE F
27575	JONES, LINDA S
27625	TUTTLE, PEGGY J
27686	POSTEL, EUGENE
27765	SMITH, RUSSELL T
27775	ADAMCEWICZ, MARJORIE T
27789	COWL, DAVID F
27805	CAMPOS, VANESSA
27812	HOUCHIN, VELMA M
27861	E & E DRYWALL
	PEREZ, ELISEO
27912	GONZALEZ, TERESA
27915	GARIBAY, HECTOR C

Target Street	Cross Street	Source
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SHERMAN RD 2017

23751	REED, JAMIE R
23761	CORDOVA, JAIME M
24448	SANDOVAL, JESUS
25020	COLEMAN, WADE A
25040	SEVILLA, JOSE
25100	DUNCAN, SCOTT L
25146	PATRICK, JAMES
25186	ANGUIANO, L
25210	MORA, ALEJANDRO
25250	SANDERS, JAMES L
25283	UPS
25290	BARNETT, LOURNA L
25340	LICEA, JOSE A
25450	SANDOVAL, MARIA
25676	PALMA, ADELA P
25685	JN GREASE SERVICE
25698	LEON, SAMUEL L
25870	HUFF, JOHN
25898	MIRELES, MINERVA M
25908	WAUGH, JACOB
25930	SALAZAR, MAXIMILIAN
25940	SHARP, JEANETTE J
25962	LACSON, RODOLFO G
26061	TEJADA, SAMUEL I
26105	PACIFIC READY MIX
26227	NORTH COUNTY SAND & GRAVEL
26510	NUTTER, ARNOLD G
26520	HOGANSON, ALVIN L
26551	HOOSON, JOSEPH L
26580	INGOLD, HARLEY E
26590	INGOLD, HUBERT H
26610	PARSON, LEROY L
26680	RHYNARD, ADAM
26730	OROZCO, SALVADOR
26860	MCCOY, KATHLEEN A
26865	CRAIG, ELEANOR G
26880	MULLANEY, MIRIAM A
26900	GARDINER, WAYNE A
27625	MENIFEE UNION SD

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ETHANAC RD 2014

26481	RUIZ, ROBERTO
27271	AIR & HOSE SOURCE
	AIR & HOSE SOURCE INC
	TOP TECH AUTO & SONS
	TOP TECH AUTO REPAIR CENTER
	UHAUL
27381	RILEY, DAN
	SAFWAY SERVICES
27391	ARCOS, CELESTINO
27411	CHANEYS CERTIFIED AUTO REPAIR
27451	CARDENAS, JOSE A
	SHELTONS GOLF CARS
	VILLANUEVA, MARIA
27471	OCCUPANT UNKNOWN,
27491	TIRE STOP & RECYCLING
27546	PENUNURI, JACK
27555	GODINA, ALEJO
	PONCE, MIRIAM
27556	BLACKWOOD, GEORGE F
27575	LINDA, JONES
27625	TUTTLE, PEGGY J
27636	DZIEDZICKIE, CHAD
27686	WOODS, THOMAS R
27765	CONNORS, MEREDITH J
27775	ADAMCEWICZ, MARJORIE T
27789	WILLIAMS, ADRIAN
27793	OCCUPANT UNKNOWN,
27805	OCCUPANT UNKNOWN,
27812	HOUCHIN, VELMA M
27861	E & E DRYWALL
	PEREZ, ELISEO
27912	QUEZADA, MIRSLA
27915	VELASQUEZ, JUAN M

Target Street	Cross Street	Source
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SHERMAN RD 2014

23751 REED, JAMIE R
23761 CORDOVA, JAIME M
23781 OCCUPANT UNKNOWN,
24448 SANDOVAL, JESUS
24964 OCCUPANT UNKNOWN,
25020 COLEMAN, WADE A
25040 DAY, JOHN J
25080 OCCUPANT UNKNOWN,
25100 DUNCAN, SCOTT L
25146 PATRICK, JAMES
25186 OCCUPANT UNKNOWN,
25210 PACHECO, TELESFORO
25250 OCCUPANT UNKNOWN,
25340 LICEA, JOSE A
25450 SANDOVAL, M
25676 LOYA, A P
25685 JN GREASE SERVICE
25688 OCCUPANT UNKNOWN,
25698 MUNOZ, OSCAR
25809 PEPIN, MARYELLEN
25846 OCCUPANT UNKNOWN,
25870 HUFF, DOROTHY A
25898 OCCUPANT UNKNOWN,
SANCHEZ, LUIS A
25908 OCCUPANT UNKNOWN,
25920 OCCUPANT UNKNOWN,
25930 SALAZAR, MAXIMILIAN
25940 OCCUPANT UNKNOWN,
25962 OCCUPANT UNKNOWN,
26061 TEJADA, SAMUEL I
26105 PACIFIC READY MIX
26227 NORTH COUNTY SAND & GRAVEL
26500 SERRANO, AMPARO
26510 NUTTER, ARNOLD G
26520 HOGANSON, ALVIN L
26551 HOOSON, JOSEPH L
26580 INGOLD, HARLEY E
26590 INGOLD, HUBERT H
26610 PARSON, LEROY L
26640 OCCUPANT UNKNOWN,
26680 RHYNARD, ADAM
26730 LEY, SHIRLEY E
26805 LARSON, JAMES O
26860 MCCOY, KATHLEEN A
26865 CRAIG, ELEANOR G
26880 OCCUPANT UNKNOWN,
26900 SMIT, WARREN C
26911 SANCHEZ, DIAOMI
27530 OCCUPANT UNKNOWN,
27625 MENIFEE UNION SD

Target Street	Cross Street	Source
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SHERMAN RD 2014 (Cont'd)

27990 LOMA LINDA UNIVERSITY RADIATION MEDI
LOMA LINDA UNIVERSITY RADIOLOGY MEDI

Target Street	Cross Street	Source
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ETHANAC RD 2010

26481 RUIZ, ROBERTO
27271 ALICIAS TRUCK & TIRE SUPPLY
REALISTIC AUTOMOTIVE
TOP TECH AUTO & SONS
27381 BURNS, CHRISTINE A
THYSSENKRUPP SAFWAY INC
27391 ARCOS, CELESTINO
27411 CHANEYS CERTIFIED AUTO REPAIR
27451 SHELTONS GOLF CARS
27471 OCCUPANT UNKNOWN,
27491 TIRE SHOP
UHAUL CO
27531 QUICKCOVERSCOM
27555 PONCE, MIRIAM
27556 BLACKWOOD, CHARLIE L
27575 JONES, STEPHEN H
27625 TUTTLE, ROY E
27636 DZIEDZICKIE, TONY J
27686 POSTEL, EUGENE
27765 CONNORS, MICHAEL
27775 OCCUPANT UNKNOWN,
27789 COWL, DAVID F
GARGES TOWING
27793 GAGLIARDI, MICHAEL L
27805 FLAKE, HARVEY A
27812 HOUCHIN, DONALD W
27861 GONZALEZ, ANABEL
27912 GARDNER, TERESA G
27915 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SHERMAN RD 2010

23751 REED, JAMIE R
23761 CORDOVA, JAIME
23781 OCCUPANT UNKNOWN,
24448 SANDOVAL, JESUS
24964 OCCUPANT UNKNOWN,
25020 GLORIA COLEMEN MOBIL PET GROMI
OCCUPANT UNKNOWN,
25040 OCCUPANT UNKNOWN,
25080 TATE, DAVID P
25100 GRAFF, ERIC
25146 PATRICK, LAWANA N
25186 VASQUEZ, RENE
25210 ALVAREZ, MARTHA
25250 DOCHERTY, DANIEL J
25283 UPS
25290 RIVERA, FEY C
25340 OCCUPANT UNKNOWN,
25450 OUTLAW GUNITE
TAYLOR, SHAWN
25632 ICHIHASHI, YOSHISUKE
25685 C W COLE FABRICATORS
25698 PERRY, ANN
25809 KARNES, ERIN
25846 OCCUPANT UNKNOWN,
25898 HERNANDEZ, VERONICA
OCCUPANT UNKNOWN,
25908 CANCHOLA, CARLOS
25920 TODORAN, VASILE
25930 SALAZAR, MAXIMILIAN
25940 OCCUPANT UNKNOWN,
25962 BYLER, GARY W
26026 MCMILLEN, CATHY L
NEILLS CONTRACTING
26061 MALDONADO, JOSEFINA
PERALTA, MARIA E
26105 PACIFIC GUNITE INC
PACIFIC READY MIX
PRESTIGE GUNITE OF CALIFORNIA
26227 NORTH COUNTY SAND & GRAVEL
26500 SERRANO, AMPARO
26510 BURNETT, GENE A
PACIFIC MADISON LUMBER CO
26520 HOGANSON, ALVIN L
26551 MEJIA, RAMIRO A
26580 INGOLD, HARLEY E
26590 INGOLD, HUBERT H
26610 PARSON, LEROY L
26680 HITCHENS, GEORGE D
26730 SCHMID, JERRY D
26805 OCCUPANT UNKNOWN,

SHERMAN RD 2010 (Cont'd)

26860 ORME, RONALD
26865 CRAIG, ELEANOR G
26880 COFFMAN, JUDITH
26900 OCCUPANT UNKNOWN,
W G LANDSCAPING
26911 SERRANO, FABIAN
27530 OCCUPANT UNKNOWN,
27625 K L NEFF INC
27990 LOMA LINDA FACULTY MEDICAL
LOMA LINDA UNIVERSITY MED CTR
LOMA LINDA UNIVERSITY RDLGY
MONTE VISTA MEDICAL

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ETHANAC RD 2005

26481	RUIZ, ROBERTO
27271	PARADISE POOLS & SPAS
27381	BURNS, CHRISTINE
27391	ARCOS, CELESTINO
27411	CHANEYS CERTIFIED GENERAL AUTO REPAI
27471	JACKSON SERVICES
	JACKSON TIRE
	OCCUPANT UNKNOWN,
27531	QUICK COVERS
	RUBEN GONZALEZ
27546	ANTUNA, LUIS A
27555	GODINA, ALEJO
27556	BLACKWOOD, GEORGE F
27575	JONES, RAYMOND F
27606	OCCUPANT UNKNOWN,
27614	OCCUPANT UNKNOWN,
27625	TUTTLE, ROY E
27636	DZIEDZICKIE, TONY J
27686	EUBANKS, LEE E
27765	CONNORS, MICHAEL
27789	COWL, DAVID F
	CUSTOM STORAGE SHEDS
	KONTRACT INTERIORS
	R C CUSTOM SHEDS
27793	OCCUPANT UNKNOWN,
27805	FLAKE, HARVEY A
27812	HOUCHIN, DONALD W
27861	TRAVELERS REST INC
27912	JARAMILLO, MISAEL
27915	OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SHERMAN RD 2005

23761 CORDOVA, JAIME
23781 OCCUPANT UNKNOWN,
24448 PATINO, ESTEBAN C
24964 GROTE, ORVILLE W
25020 COLEMAN, WADE A
25040 OCCUPANT UNKNOWN,
25080 TATE, DAVID
25100 OCCUPANT UNKNOWN,
25146 OCCUPANT UNKNOWN,
25186 WOODS, THOMAS A
25210 FOGLEMAN, LOYD A
25250 DOCHERTY, DANIEL A
25283 US PARCEL SERVICE
25290 RIVERA, JOE M
25340 LICEA, JOSE A
25450 OUTLAW GUNITE
WESSELL, STEVEN R
25632 ICHIHASHI, MARIKO M
25676 OCCUPANT UNKNOWN,
25685 RYAN, JEFFERY A
25698 PERRY, ANN
25809 PRIORITY ONE PLUMBING
25846 OCCUPANT UNKNOWN,
25870 OCCUPANT UNKNOWN,
25898 OCCUPANT UNKNOWN,
TORRES, PETE
25920 TODORAN, VASILE
25930 MILLER, R D
25940 ROJO, NORBERTO R
25962 BYLER, GARY W
26061 PERALTA, MARIA
26227 PHILLIPS, LELAND A
PRO WASH CLEANING SYSTEMS
26500 SERRANO, AMPARO
26510 NUTTER, ARNOLD G
PACIFIC MADISON LUMBER CO
26520 HOGANSON, ALVIN L
26551 MEJIA, RAMIRO A
26580 INGOLD, HARLEY E
26590 INGOLD, HUBERT H
26610 PARSON, LEROY
26640 HESS, ROBERT L
26680 HITCHENS, GEORGE D
26730 SCHMID, JERRY D
26805 OCCUPANT UNKNOWN,
26860 BAYT, MICHAEL J
26865 CRAIG, ELEANOR G
26880 COFFMAN, ROBERT C
26900 OCCUPANT UNKNOWN,
26911 SERRANO, HECTOR M

SHERMAN RD 2005 (Cont'd)

27530 OCCUPANT UNKNOWN,
27990 HAYTON BRUCE MD
LOMA LINDA UNIVERSITY HEALTH CARE
QUEST DIAGNOSTICS INC

Target Street	Cross Street	Source
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ETHANAC RD 2000

27271	FAMILY AUTO CENTER
	KOHLHAUER JIM FAMILY AUTO CENTER
27411	CHANEYS CERTIFIED AUTO REPAIR
27471	LEE PHILLIPS TIRE SALES
27546	ANTUNA, LUIS A
27555	GODINA, ALEJO
27556	BLACKWOOD, GEORGE F
27606	OCCUPANT UNKNOWN,
27625	TUTTLE, ROY
27636	DZIEDZICKIE, TONY
27686	EUBANKS, LEE
27789	BROWN, M G
	TURNING POINT CHRISTIAN CENTER
27793	YOUNG, CLYDE
27861	EVANS, ROBERT
27912	OCCUPANT UNKNOWN,
27915	CERVANTES, JOSE D

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SHERMAN RD 2000

23751	BRANDON, DAVID
23761	OCCUPANT UNKNOWN,
24448	RITTER, ERIC C
24964	GROTE, ORVILLE W
25020	COLEMAN, WADE A
25040	DAY, JOHN
25080	BAZE, LARRY F
25100	DUNCAN, SCOTT L
25146	PATRICK, BOYD
25632	ICHIHASHI, MARIKO
25930	SALAZAR, M
25940	ROJO, N
25962	BYLER, WAYNE
	SOUTHWEST CITY COACH
26021	LOPEZ, LEO
26061	LOPEZ, AURELIO
26227	PHILLIPS, LELAND
26510	NUTTER, ARNOLD
26520	HOGANSON, ALVIN L
26580	INGOLD, HELEN E
26590	INGOLD, HARLEY
26610	VELASCO, JOSE
26640	LAND, JEROME L
26680	HITCHENS, GEORGE
26730	GREEN, LENA E
27990	GIBSON THOMAS E MD
	LOMA LINDA FACULTY MEDICAL GROUP SUN CITY CANCER CARE CENTE
	LOMA LINDA UNIVERSITY RADIATION MEDICINE
	RACINE HAROLD V MD
	SMITHKLINE BEECHAM CLINICAL LABORATORIES
	SUN CITY CANCER CARE CENTER
	UNITED STATES GOVERNMENT VETERANS AFFAIRS DEPARTMENT OF

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

ETHANAC RD 1995

27271 TOPTECH AUTOMOTIVE
27381 PIONEER PLASTERING INC
27411 CHANEYS CERTIFIED AUTO REPAIR
27477 LEE PHILLIPS TIRE SALES
27606 OCCUPANT UNKNOWNN
27614 JONES, DONALD
27625 TUTTLE, ROY
27636 DZIEDZICKIE, TONY
27686 EUBANKS, LEE
27765 ERICKSON, JOLITA

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SHERMAN RD 1995

23751	JORGENSEN, JOHN
24964	MCKINNEY, VIRGIL P
25080	BLACKBURN, M
25100	CROWE, G R
25146	PATRICK TOOL & MOLD CO
25186	WOODS, THOMAS
25250	DOCHERTY, DANIEL
25290	RIVERA, JOE M
25340	OCCUPANT UNKNOWNN
25846	GUZMAN, MYNOR
25870	THOMAS, SHELLY
25920	OCCUPANT UNKNOWNN
25930	WHITE, HELEN V
26061	KLUS, PAUL
26227	OCCUPANT UNKNOWNN
26510	GLASS, WILBERT E
26520	HOGANSON, ALVIN L
26580	SCROGGINS, JAMES D
26590	DOMENGUEZ, CASEANO
26610	VELASCO, JOSE
26640	THOMAS, SALLY
26680	ELLIS, S
26730	GREEN, LENA E
26805	LARSON, J O
26860	STEFFEY, GEORGE
26865	CRAIG, SHIRLEY E
26880	COFFMAN, MA
26900	SMIT, F D
26911	HORAN, MIKE
27990	LOMA LINDA FACULTY MEDICAL GRP
	SMITH KLINE BEECHAM CLINICAL

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ETHANAC RD 1992

27271 RELIABLE TIRE&SERV
27381 SHAVER, CURTIS A
27411 CHANEYS AUTO REPAIR
27477 LEE PHILLIPS TIRE

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

SHERMAN RD 1992

25146 PATRICK TOOL&MOLD
26510 GLASS, WILBERT E
26580 INGOLD, HARLEY H
26610 VELASCO, JOSE
26680 ELLIS, S
26730 GREEN, RALPH
26860 STEFFEY, G
26900 SMIT, F D
26911 HORAN, MIKE
27990 SUN CTY CANCER CARE

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

ETHANAC RD 1990

ETHANAC RD 92380
ROMOLAND

RURAL ROUTE 1

25160	★N P I C A	657-1755	9
25245	XXXX	00	
26481	CHAPMAN Mel	657-8644	6
27271	CONTOS Goodyear	929-1615	6
	★GOODYEAR TIRE CNTOS	657-2183	6
27278	BYRNS Robt	657-5384	
27351	MASLOWSKI Lorraine	657-0416	9
	MASLOWSKI Matthew	657-0416	
27364	XXXX	00	
27381	MUSE Carolyn	657-8734	+0
27391	HADLEY Mark	943-0673	9
27411	★CHANEYS GN AUTO RPR	657-3466	
27471	XXXX	00	
27512	XXXX	00	
27514	XXXX	00	
27516	XXXX	00	
27536	SMITH Carrie	657-5854	+0
27546	DEWITT Floyd F	657-6051	
27556	XXXX	00	
27606	BLACKWELL G H	657-1046	
27614	XXXX	00	
27625	TUTTLE Roy	657-4181	
27636	XXXX	00	
27686	EUBANKS Lee	657-4920	1
27765	XXXX	00	
27789	CRATERCLAYTON D	657-1933	+0
27793	HAWKINS John	943-3832	+0
	ROUSSELL J A Rav	657-6736	+0
27812	XXXX	00	
27861	KEARNEY Barbara	657-2093	6
	KEARNEY Jas	657-2093	
27912	WILLIAMS P	657-2471	
27995	SHAFFER J D	657-5039	

★ 3 BUS 30 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

SHERMAN RD 1990



SHERMAN RD 92380
ROMOLAND

RURAL ROUTE 4

23751	SIMONS Emily	943-2255 5
	SIMONS Geo Wm	943-2255
23758	XXXX	00
23761	HARDING Otis	657-1744 9
23781	XXXX	00
24964	XXXX	00
25040	MARSHALL Dawna	657-9794
	MARSHALL Robt	657-9794
25080	BLACKBURN M Gene	657-3697 6
25146	XXXX	00
25340	FREDERICK Jeanette	943-0036 9
	PERRY Judith	943-8640 9
25450	XXXX	00
25632	ICHIHASHI Mariko	657-3751
25641	XXXX	00
25685	XXXX	00
25698	XXXX	00
25775	**★SUN CTY BL SPLY INC**	**657-6089 +0**
25809	ODONNELL Liz	943-1690 +0
25846	XXXX	00
25898	MATOTT K	943-2059 +0
25908	XXXX	00
25920	GREWER Gary	943-1415
	GREWER Laura	943-1415
25930	WHITE Helen	657-9495 2
25940	BOSCHE Donna	657-0457 7
25962	GILBREATH Geo	943-1904 +0
26061	DALLMAN Lowell D	657-7774
	DALLMAN M	657-0022 2
	WHITE Theresa	943-2604 9
26227	XXXX	00
26510	GLASS W E	679-9568 2
26580	INGOLD H E	679-7512
	INGOLD H H	679-7512
26610	VELASCO Jose	672-2665 9
26640	XXXX	00
26680	HORNSVELD Paul	672-2270 9
	HORNSVELD Shelley	672-2270
26730	GREEN Lena	672-1369 9
26805	ABEL Eleanor M	679-3856 +0
	FLORES Kathy	679-6995
	FLORES Ralph	679-6995
26860	STEFFEY E	672-4482
	STEFFEY G	672-4482
26865	XXXX	00
26900	SMIT Frederick D	672-3034 7
26911	YARBER Nicholas	679-5311
27990	**★GODFREY THOMAS E MD**	**672-1931 +0**
	★HILLIARD DENNIS MD	**672-1931 +0**
	★LOMA LND FCLTY MDCL	**672-1931 9**
	★SUN CTY CANCER CARE	**672-1931 +0**

ZIP CODE 92355
SUN CITY

30665	BOTTOMLEY Wm	672-1393 5
30731	CROOM Michael	672-2478 5
32165	XXXX	00

★ 5 BUS 49 RES 8 NEW

Target Street	Cross Street	Source
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ETHANAC RD 1985

ETHANAC RD 92380
ROMOLAND

RURAL ROUTE 1

25160	RODEFFER INVSTMNTS	657-1755	+5
	RODEFFER WHOLESALE	657-1881	2
25245	XXXX	00	
27271	XXXX	00	
27278	BYRNS ROBT	657-5384	
27351	XXXX	00	
27364	XXXX	00	
27391	XXXX	00	
27411	CHANEYS GN AUTO RPR	657-3466	8
27471	LEE PHILLIPS TIRE	657-0425	+5
27512	XXXX	00	
27516	XXXX	00	
27524	XXXX	00	
27531	XXXX	00	
27536	LOEFFLER ED	657-2646	+5
27546	DEWITT FLOYD F	657-6051	9
27556	XXXX	00	
27606	BLACKWELL G H	657-1046	0
27614	XXXX	00	
27625	TUTTLE ROY	657-4181	
27636	BIERWORTH CHAS	657-9457	3
27686	EUBANKS LEE	657-4920	1
27765	XXXX	00	
27789	ROUSSELL J A REV	657-6736	2
27812	XXXX	00	
27861	XXXX	00	
27912	WILLIAMS P	657-2471	
27995	SHAFFER J D	657-5039	8

★ 4 BUS 24 RES 3 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

SHERMAN RD 1985

SHERMAN RD 92380
ROMOLAND

RURAL ROUTE 1

23751	SIMONS GEO WM	943-2255	+5
23758	XXXX	00	
23781	XXXX	00	
25210	FOGLEMAN RAY	657-4308	+5
25250	FLYGT CORP	943-1668	+5
25340	HARRIS RICHARD A	657-1074	4
	HARRIS RICHARD J	657-1030	+5
25450	MURDOCK ARLIE	657-1395	4
25632	ICHIHASHI MARIKO	657-3751	
25846	BERGINE MATTHEW	657-0444	+5
25870	XXXX	00	
25898	STERLING GEO T	657-2969	
25908	ARMSTRONG PERRY	657-7709	+5
25920	GREWER GARY	943-1415	+5
25930	WHITE HELEN	657-9495	2
25940	WHITE DAVID	657-8103	2
25962	XXXX	00	
26061	DALLMAN LOWELL D	657-7774	
	DALLMAN M	657-0022	2
	MEADOWS DENISE	657-8750	+5
	TENORIO FRED	657-3074	+5
26227	XXXX	00	

★ 1 BUS 21 RES 9 NEW

SHERMAN RD 92381
SUN CITY

26510	GLASS W E	679-9568	2
26580	INGOLD H H	679-7512	2
26640	YOUNG JERRY	679-8945	2
26730	GALLENTINE CONWAY D	679-3308	9
26805	ABEL JOHN	679-0771	+5
	FLORES RALPH	679-6995	+5
26860	LINKER A E	679-6700	9
26900	SAUNDERS MARK R	679-9455	0
26911	YARBER NICHOLAS	679-5311	9
30665	BOTTOMLEY WM	672-1393	+5
30731	CROOM MICHAEL	672-2478	+5
32165	GIBBENS EDGAR B	672-2429	+5

★ 0 BUS 12 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

ETHANAC RD 1980

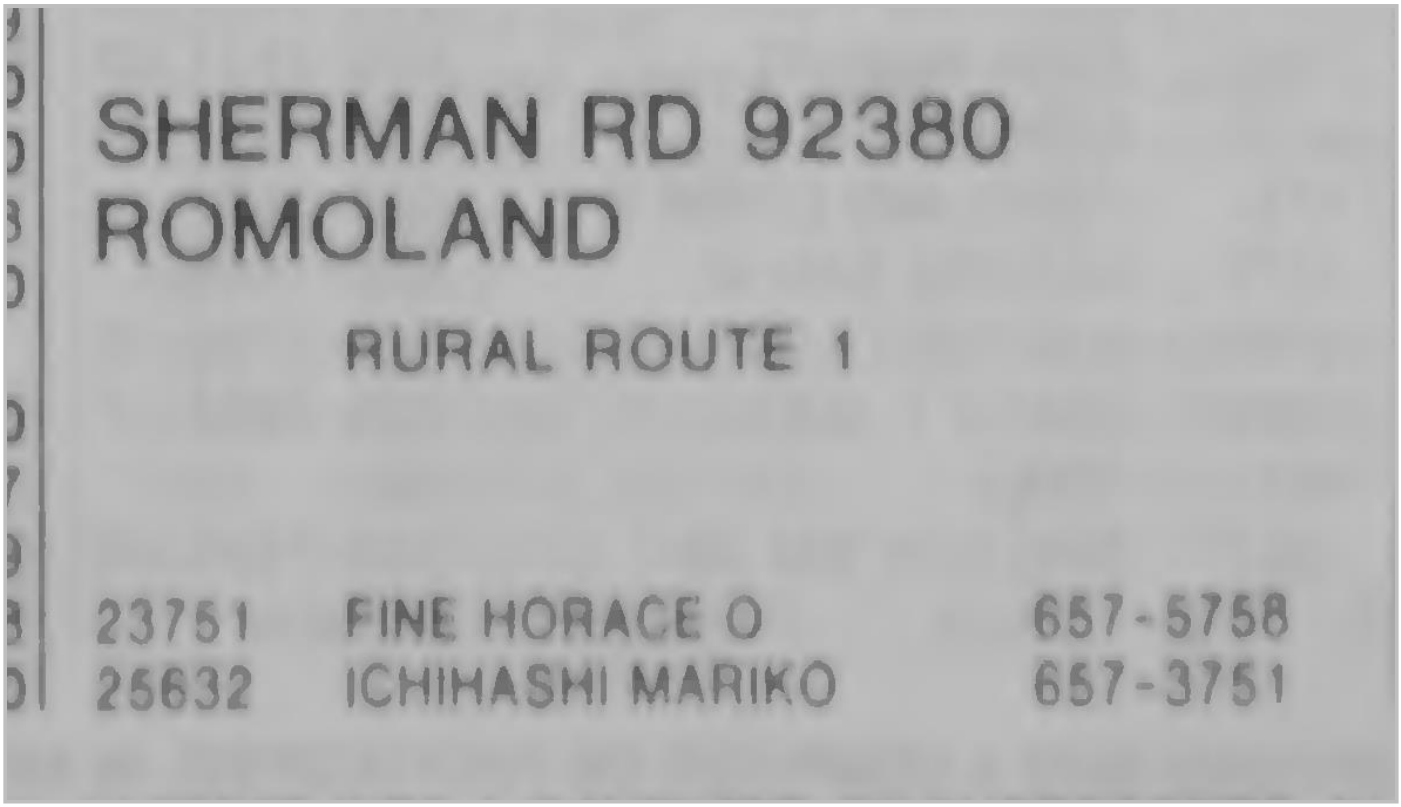
ETHANAC RD 92380
ROMOLAND

RURAL ROUTE 1

25245	LYDON JEAN	657-8340	9
27271★	**SUN CITY TIRE REPR**	**657-2183**	**8**
★	**WHOLESALE TIRE SPLY**	**657-1113**	**+0**
27278	BYRNS ROBT	657-5384	5
27364	XXXX	00	
27391	JONES OLICE E REV	657-3549	
27411★	**CHANEYS GN AUTO RPR**	**657-3466**	**8**
	OWEN FLOYD P	657-4451	8
27471★	**BERTS AUTO REPAIR**	**657-8032**	**+0**
★	**ECOLOGY TIRE SERV**	**657-8032**	**+0**
★	**PHILLIPS L EXXON**	**657-8032**	**+0**
27512	SPICHER S	657-9639	+0
27516	BLAIR EVELYN	657-4977	
27524	NUNEZ JOE JR	657-1382	+0
27531	XXXX	00	
27546	DEWITT FLOYD F	657-6051	9
27556	BLACKWOOD GEO F	657-7142	6
27606	BLACKWELL G H	657-1046	+0
27625	TUTTLE ROY	657-4181	
27765★	**BOBS BODY SHOP**	**657-5536**	**8**
	SEWARD MICKEY	657-6666	9
27789	PAYNE R M	657-6736	6
27812	XXXX	00	
27861	XXXX	00	
27912	WILLIAMS P	657-2471	
27995	SHAFFER J D	657-5039	8
★	7 BUS 19 RES	7 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

SHERMAN RD 1980

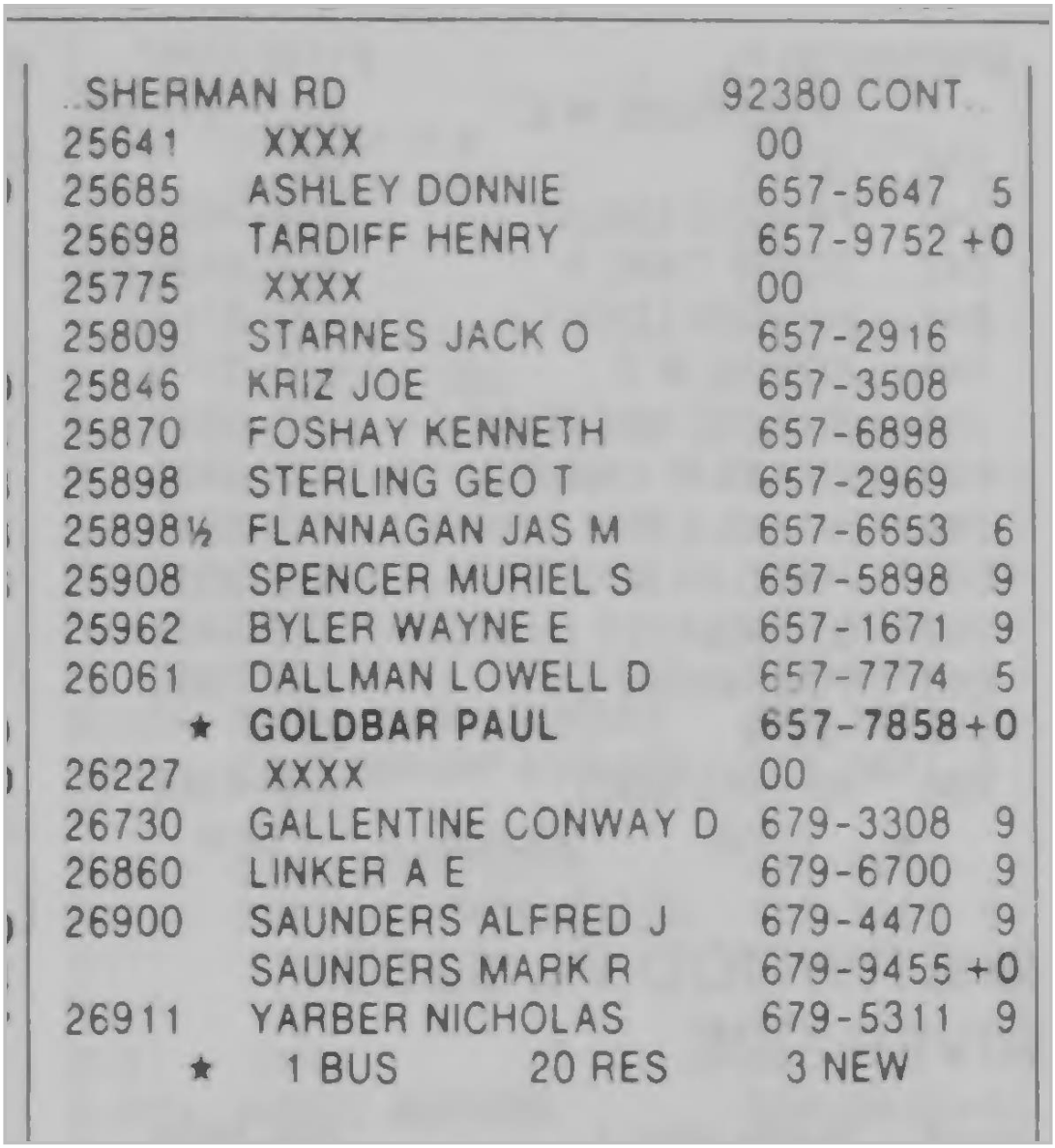

SHERMAN RD 92380
ROMOLAND

RURAL ROUTE 1

23751 FINE HORACE O 657-5758
25632 ICHIHASHI MARIKO 657-3751

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

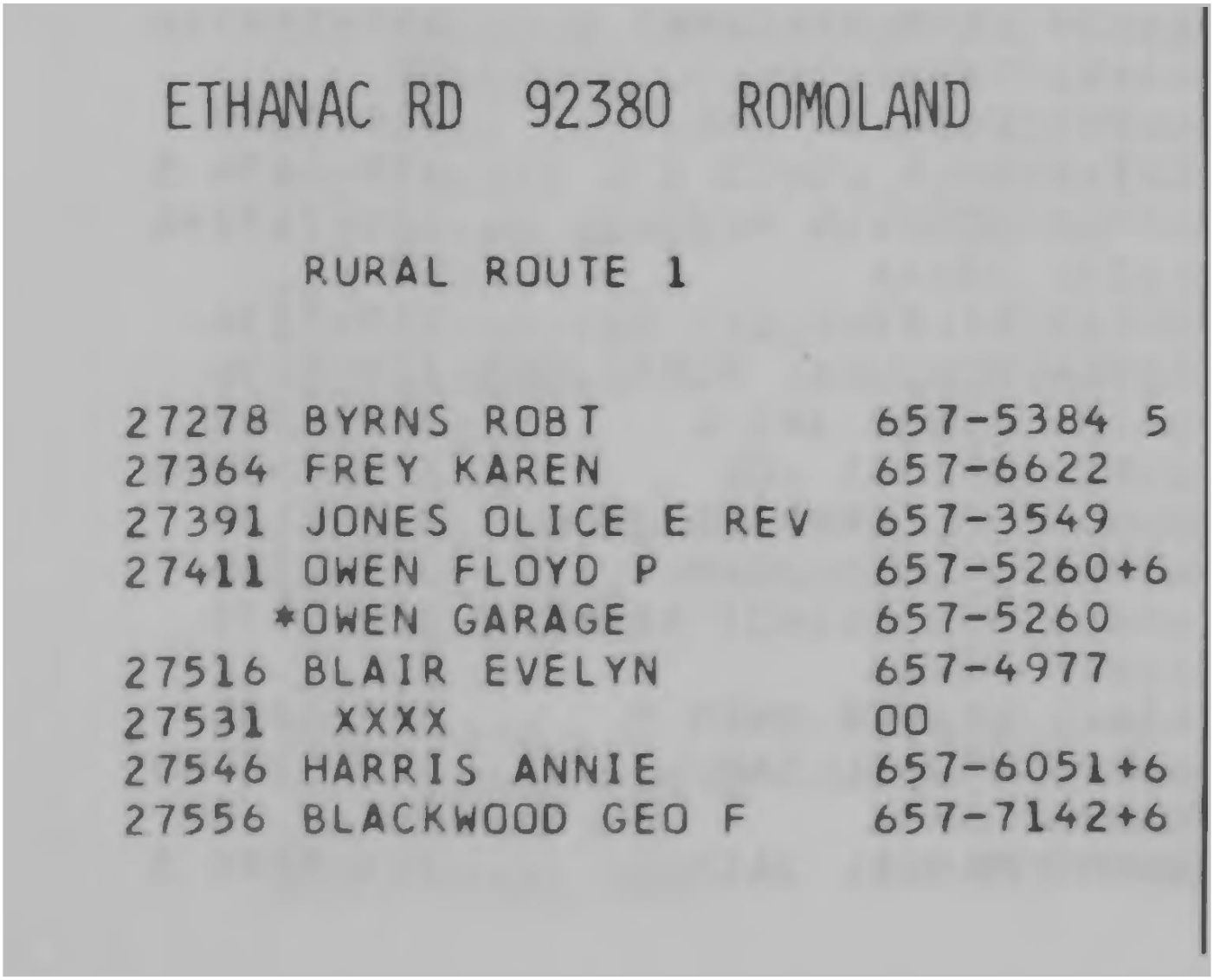
SHERMAN RD 1980



..SHERMAN RD		92380 CONT..	
25641	XXXX	00	
25685	ASHLEY DONNIE	657-5647	5
25698	TARDIFF HENRY	657-9752	+0
25775	XXXX	00	
25809	STARNES JACK O	657-2916	
25846	KRIZ JOE	657-3508	
25870	FOSHAY KENNETH	657-6898	
25898	STERLING GEO T	657-2969	
25898½	FLANNAGAN JAS M	657-6653	6
25908	SPENCER MURIEL S	657-5898	9
25962	BYLER WAYNE E	657-1671	9
26061	DALLMAN LOWELL D	657-7774	5
★	GOLDBAR PAUL	657-7858	+0
26227	XXXX	00	
26730	GALLENTINE CONWAY D	679-3308	9
26860	LINKER A E	679-6700	9
26900	SAUNDERS ALFRED J	679-4470	9
	SAUNDERS MARK R	679-9455	+0
26911	YARBER NICHOLAS	679-5311	9
★	1 BUS 20 RES	3 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

ETHANAC RD 1976



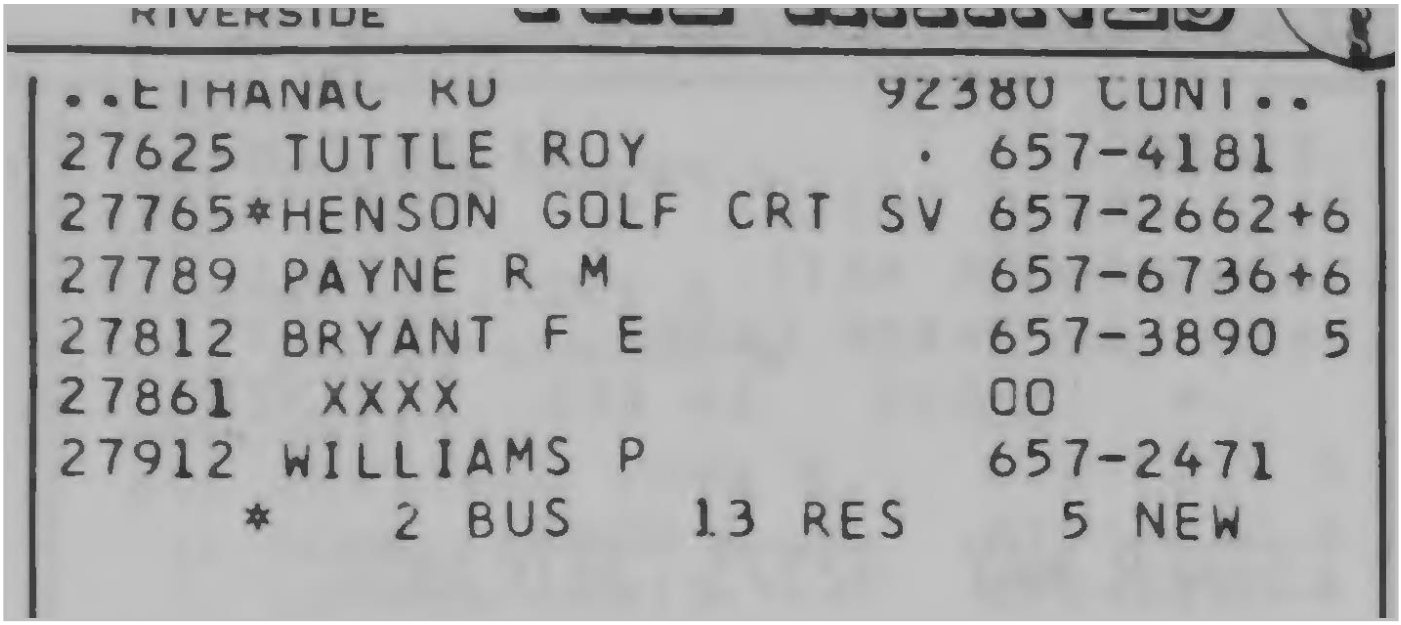
ETHANAC RD 92380 ROMOLAND

RURAL ROUTE 1

27278	BYRNS ROBT	657-5384 5
27364	FREY KAREN	657-6622
27391	JONES OLICE E REV	657-3549
27411	OWEN FLOYD P	657-5260+6
	*OWEN GARAGE	657-5260
27516	BLAIR EVELYN	657-4977
27531	XXXX	OO
27546	HARRIS ANNIE	657-6051+6
27556	BLACKWOOD GEO F	657-7142+6

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

ETHANAC RD 1976



RIVERSIDE

..ETHANAC RD 92380 CONT..

27625 TUTTLE ROY . 657-4181

27765*HENSON GOLF CRT SV 657-2662+6

27789 PAYNE R M 657-6736+6

27812 BRYANT F E 657-3890 5

27861 XXXX 00

27912 WILLIAMS P 657-2471

* 2 BUS 13 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

SHERMAN RD 1976

SHERMAN RD 92380 ROMOLAND

RURAL ROUTE 1

23751	FINE HORACE O	657-5758
25632	ICHIHASHI MARIKO	657-3751
25641	MILLER JANIE	657-8106+6
25685	ASHLEY DONNIE	657-5647 5
25775	STARNES F W MRS	657-2478 5
25809	STARNES JACK O	657-2916
25846	KRIZ JOE	657-3508
25870	FOSHAY KENNETH	657-6898
25898	STERLING GEO T	657-2969
25898½	FLANNAGAN JAS M	657-6653+6
25908	WORTHINGTON SHEILA	657-8179+6
26061	CUNNING ROY R	657-5882+6
	DALLMAN LOWELL D	657-7774 5
	WINFREY MARY G	657-2628 5
26227	XXXX	OO

* 0 BUS 15 RES 4 NEW

Hillwood Ethanac
Ethanac Road and Sherman Road
Sun City, CA 92585

Inquiry Number: 7169074.2s
November 03, 2022

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

ETHANAC ROAD AND SHERMAN ROAD
SUN CITY, CA 92585

COORDINATES

Latitude (North):	33.7443130 - 33ˆ 44' 39.52''
Longitude (West):	117.1826340 - 117ˆ 10' 57.48''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	483083.4
UTM Y (Meters):	3733627.8
Elevation:	1431 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12015913 ROMOLAND, CA
Version Date:	2018
North Map:	12015907 PERRIS, CA
Version Date:	2018

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603, 20140530
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
ETHANAC ROAD AND SHERMAN ROAD
SUN CITY, CA 92585

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CASS ARRIETA	3060 SHERMAN RD	HAULERS, CERS HAZ WASTE, CERS TANKS, CERS, HWTS	Higher	62, 0.012, NE
A2	CHANEY'S AUTOMOTIVE	27411 ETHANAC ROAD	LUST, Cortese, CERS	Higher	85, 0.016, SSE
A3	LONGS ENTERPRISES IN	27411 ETHANAC RD	RCRA NonGen / NLR	Higher	85, 0.016, SSE
A4	ETHANAC SMOG	27411 ETHANAC RD	CERS HAZ WASTE, HWTS	Higher	85, 0.016, SSE
A5	ARCO CELESTINO	27391 ETHANAC RD	EDR Hist Auto	Higher	86, 0.016, South
B6	TOP TECH AUTO & SONS	27271 ETHANAC RD STE	CERS HAZ WASTE, CERS	Lower	86, 0.016, SW
B7	TRIMLINE AUTOMOTIVE	27271 ETHANAC RD STE	EDR Hist Auto	Lower	86, 0.016, SW
B8	GENCORP AUTO BODY SH	27271 ETHANAC RD	RCRA NonGen / NLR	Lower	86, 0.016, SW
A9	CHANEY'S AUTO	27411	LUST, HIST CORTESE	Higher	153, 0.029, SSE
C10	PRO STRUCTURAL INC	26105 SHERMAN RD 2ND	RCRA NonGen / NLR	Higher	631, 0.120, SSE
C11	SUMMIT EQUIPMENT REN	26105 SHERMAN RD	RCRA NonGen / NLR	Higher	631, 0.120, SSE
D12	RICHARD WHITAKER DBA	1722 ILLINOIS AVE	RCRA NonGen / NLR	Lower	776, 0.147, NW
D13	TOP PROMOTIONAL PROD	1794 ILLINOIS AVE	RCRA NonGen / NLR	Lower	776, 0.147, NW
E14	J.N GREASE	25685 SHERMAN RD	RCRA NonGen / NLR	Higher	854, 0.162, NNE
E15	JN GREASE SERVICE	25685 SHERMAN	CERS HAZ WASTE, CERS	Higher	854, 0.162, NNE
C16	POWERSCREEN 2100	26227 SHERMAN RD	US MINES	Higher	883, 0.167, SSE
C17	NORTH COUNTY SAND &	26227 SHERMAN RD	CERS HAZ WASTE, CERS TANKS, CERS	Higher	883, 0.167, SSE
C18	FAB-TECH 45	26227 SHERMAN RD	US MINES	Higher	883, 0.167, SSE
C19	FAB-TECH 18	26227 SHERMAN RD	US MINES, ABANDONED MINES	Higher	883, 0.167, SSE
C20	FAB-TECH 09	26227 SHERMAN RD	US MINES, ABANDONED MINES	Higher	883, 0.167, SSE
C21	FAB-TECH 49	26227 SHERMAN RD	US MINES, ABANDONED MINES	Higher	883, 0.167, SSE
C22	ROADRUNNER 32	26227 SHERMAN RD	US MINES, ABANDONED MINES	Higher	883, 0.167, SSE
C23	FAB-TECH 17	26227 SHERMAN RD	US MINES, ABANDONED MINES	Higher	883, 0.167, SSE
C24	NORTH COUNTY SAND &	26227 SHERMAN RD	RCRA NonGen / NLR	Higher	883, 0.167, SSE
C25	CLINTON KEITH ROCK C	26227 SHERMAN RD	ABANDONED MINES	Higher	883, 0.167, SSE
F26	NORTH COUNTY SAND &		US MINES	Higher	896, 0.170, SSE
F27	NORTH COUNTY SAND &		US MINES	Higher	896, 0.170, SSE
F28	NORTH COUNTY SAND &		US MINES	Higher	897, 0.170, SSE
D29	EARTH SYSTEMS SOUTHW	1680 ILLINOIS AVENUE	RCRA NonGen / NLR	Lower	961, 0.182, WNW
F30	NORTH COUNTY SAND &		US MINES	Higher	996, 0.189, SSE
31	ROMALAND		MINES	Higher	1095, 0.207, North
G32	CALTRANS	2764 HIGHWAY 74	LUST, Cortese, HIST CORTESE, CERS	Higher	1150, 0.218, NE
G33	CAL TRANS	27644 HWY 74	LUST	Higher	1151, 0.218, NE
G34	ROMO GAS MART	27682 HWY 74	UST	Higher	1199, 0.227, NE
G35	ROMO GAS MART	27682 HIGHWAY 74	SWEEPS UST, CERS TANKS, CERS	Higher	1199, 0.227, NE
G36	ROMO GAS MART	27682 HIGHWAY 74	UST	Higher	1199, 0.227, NE
H37	WEST COAST YAMAHA IN	1622 ILLINOIS AVE ST	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	1274, 0.241, WNW
H38	WEST COAST YAMAHA IN	1622 ILLINOIS AVE ST	RCRA NonGen / NLR	Lower	1274, 0.241, WNW
H39	AMANDA LANGSTON	1622 ILLINOIS AVE	RCRA NonGen / NLR	Lower	1274, 0.241, WNW

MAPPED SITES SUMMARY

Target Property Address:
ETHANAC ROAD AND SHERMAN ROAD
SUN CITY, CA 92585

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	BUTLER SCALES ZEPEDE	27736 HWY 74	RCRA-SQG, FINDS, ECHO	Higher	1319, 0.250, ENE
41	ROMOLAND MARKET	27856 HIGHWAY 74	LUST, SWEEPS UST, HIST UST, Cortese, HIST CORTESE,...	Higher	1992, 0.377, East
42	FORWES HOLDINGS	27256 HWY 74	LUST, Cortese, CERS	Lower	2296, 0.435, NNW
43	FORMER LAKESIDE CHEV	25351 TRUMBLE ROAD	US BROWNFIELDS	Lower	2553, 0.484, NNW
44	HIGH SCHOOL NO. 3	BRIGGS ROAD/PINACATE	ENVIROSTOR, SCH	Higher	2623, 0.497, East
45	THE CLUB K-8 SCHOOL	EVANS ROAD/NOVA LANE	ENVIROSTOR, SCH	Lower	5113, 0.968, SW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List

US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register

PFAS ..... PFAS Contamination Site Location Listing
AQUEOUS FOAM ..... Former Fire Training Facility Assessments Listing

Local Lists of Registered Storage Tanks

HIST UST ..... Hazardous Substance Storage Container Database
CA FID UST ..... Facility Inventory Database

Local Land Records

LIENS ..... Environmental Liens Listing
LIENS 2 ..... CERCLA Lien Information
DEED ..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ..... Hazardous Materials Information Reporting System
CHMIRS ..... California Hazardous Material Incident Report System
LDS ..... Land Disposal Sites Listing
MCS ..... Military Cleanup Sites Listing
SPILLS 90 ..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ..... Formerly Used Defense Sites
DOD ..... Department of Defense Sites
SCRD DRYCLEANERS ..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ..... Financial Assurance Information
EPA WATCH LIST ..... EPA WATCH LIST
2020 COR ACTION ..... 2020 Corrective Action Program List
TSCA ..... Toxic Substances Control Act
TRIS ..... Toxic Chemical Release Inventory System
SSTS ..... Section 7 Tracking Systems
ROD ..... Records Of Decision
RMP ..... Risk Management Plans
RAATS ..... RCRA Administrative Action Tracking System
PRP ..... Potentially Responsible Parties
PADS ..... PCB Activity Database System
ICIS ..... Integrated Compliance Information System
FTTS ..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ..... Material Licensing Tracking System
COAL ASH DOE ..... Steam-Electric Plant Operation Data
COAL ASH EPA ..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ..... PCB Transformer Registration Database
RADINFO ..... Radiation Information Database
HIST FTTS ..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ..... Incident and Accident Data
CONSENT ..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV ..... Indian Reservations
FUSRAP ..... Formerly Utilized Sites Remedial Action Program
UMTRA ..... Uranium Mill Tailings Sites
LEAD SMELTERS ..... Lead Smelter Sites
US AIRS ..... Aerometric Information Retrieval System Facility Subsystem
FINDS ..... Facility Index System/Facility Registry System

EXECUTIVE SUMMARY

DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
ECHO ---- Enforcement & Compliance History Information
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
CUPA Listings ---- CUPA Resources List
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- ICE
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
HAZNET ---- Facility and Manifest Data
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
HWTS ---- Hazardous Waste Tracking System
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUTLER SCALES ZEPEDE EPA ID:: CAD981621121	***27736 HWY 74***	***ENE 1/8 - 1/4 (0.250 mi.)***	***40***	***224***

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/25/2022 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIGH SCHOOL NO. 3 Facility Id: 33010072 Status: No Further Action	***BRIGGS ROAD/PINACATE***	***E 1/4 - 1/2 (0.497 mi.)***	***44***	***242***

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE CLUB K-8 SCHOOL	***EVANS ROAD/NOVA LANE***	***SW 1/2 - 1 (0.968 mi.)***	***45***	***245***

Facility Id: 33010067
Status: No Further Action

Lists of state and tribal leaking storage tanks

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHANEY'S AUTOMOTIVE	***27411 ETHANAC ROAD***	***SSE 0 - 1/8 (0.016 mi.)***	***A2***	***12***
Database: RIVERSIDE CO. LUST, Date of Government Version: 07/07/2022 Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Facility Id: 93620 Global Id: T0606500332 Facility Status: 9				
CHANEY'S AUTO	***27411***	***SSE 0 - 1/8 (0.029 mi.)***	***A9***	***47***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Preliminary site assessment underway Global ID: T0606500332				
CALTRANS	***2764 HIGHWAY 74***	***NE 1/8 - 1/4 (0.218 mi.)***	***G32***	***158***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Facility Status: Case Closed Global Id: T0606500136 Global ID: T0606500136				
CAL TRANS	27644 HWY 74	NE 1/8 - 1/4 (0.218 mi.)	G33	162
Database: RIVERSIDE CO. LUST, Date of Government Version: 07/07/2022 Facility Id: 89341 Facility Status: 9				
ROMOLAND MARKET	***27856 HIGHWAY 74***	***E 1/4 - 1/2 (0.377 mi.)***	***41***	***227***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: RIVERSIDE CO. LUST, Date of Government Version: 07/07/2022 Database: LUST, Date of Government Version: 05/23/2022 Status: Completed - Case Closed Facility Status: Case Closed Facility Id: 92265 Global Id: T0606500088 Facility Status: 9 Global ID: T0606500088				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORWES HOLDINGS	***27256 HWY 74***	***NNW 1/4 - 1/2 (0.435 mi.)***	***42***	***233***
Database: LUST, Date of Government Version: 05/23/2022				

Status: Completed - Case Closed
Global Id: T10000010036

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROMO GAS MART Database: RIVERSIDE CO. UST, Date of Government Version: 07/07/2022	27682 HWY 74	NE 1/8 - 1/4 (0.227 mi.)	G34	162
ROMO GAS MART Database: UST, Date of Government Version: 06/06/2022	27682 HIGHWAY 74	NE 1/8 - 1/4 (0.227 mi.)	G36	181

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 02/23/2022 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER LAKESIDE CHEV ACRES property ID: 105141 Cleanup Completion Date: 4/19/2011 Cleanup Completion Date: -	25351 TRUMBLE ROAD	NNW 1/4 - 1/2 (0.484 mi.)	43	234

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 07/18/2022 has revealed that there are 6 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CASS ARRIETA	***3060 SHERMAN RD***	***NE 0 - 1/8 (0.012 mi.)***	***1***	***9***

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ETHANAC SMOG	*27411 ETHANAC RD*	*SSE 0 - 1/8 (0.016 mi.)*	*A4*	*18*
JN GREASE SERVICE	*25685 SHERMAN*	*NNE 1/8 - 1/4 (0.162 mi.)*	*E15*	*61*
NORTH COUNTY SAND &	*26227 SHERMAN RD*	*SSE 1/8 - 1/4 (0.167 mi.)*	*C17*	*93*

Lower Elevation	Address	Direction / Distance	Map ID	Page
TOP TECH AUTO & SONS	*27271 ETHANAC RD STE*	*SW 0 - 1/8 (0.016 mi.)*	*B6*	*25*
WEST COAST YAMAHA IN	*1622 ILLINOIS AVE ST*	*WNW 1/8 - 1/4 (0.241 mi.)*	*H37*	*181*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROMO GAS MART Status: A Tank Status: A Comp Number: 31978	*27682 HIGHWAY 74*	*NE 1/8 - 1/4 (0.227 mi.)*	*G35*	*163*

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 07/18/2022 has revealed that there are 3 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CASS ARRIETA	*3060 SHERMAN RD*	*NE 0 - 1/8 (0.012 mi.)*	*1*	*9*
NORTH COUNTY SAND &	*26227 SHERMAN RD*	*SSE 1/8 - 1/4 (0.167 mi.)*	*C17*	*93*
ROMO GAS MART	*27682 HIGHWAY 74*	*NE 1/8 - 1/4 (0.227 mi.)*	*G35*	*163*

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/20/2022 has revealed that there are 11 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LONGS ENTERPRISES IN EPA ID:: CAL000409435	27411 ETHANAC RD	SSE 0 - 1/8 (0.016 mi.)	A3	15
PRO STRUCTURAL INC EPA ID:: CAL000442903	26105 SHERMAN RD 2ND	SSE 0 - 1/8 (0.120 mi.)	C10	48
SUMMIT EQUIPMENT REN EPA ID:: CAL000439231	26105 SHERMAN RD	SSE 0 - 1/8 (0.120 mi.)	C11	51
J.N GREASE EPA ID:: CAC003024896	25685 SHERMAN RD	NNE 1/8 - 1/4 (0.162 mi.)	E14	59
NORTH COUNTY SAND & EPA ID:: CAL000320058	26227 SHERMAN RD	SSE 1/8 - 1/4 (0.167 mi.)	C24	150

Lower Elevation	Address	Direction / Distance	Map ID	Page
GENCORP AUTO BODY SH EPA ID:: CAL000414411	27271 ETHANAC RD	SW 0 - 1/8 (0.016 mi.)	B8	44
RICHARD WHITAKER DBA EPA ID:: CAL000353361	1722 ILLINOIS AVE	NW 1/8 - 1/4 (0.147 mi.)	D12	54
TOP PROMOTIONAL PROD EPA ID:: CAL000374619	1794 ILLINOIS AVE	NW 1/8 - 1/4 (0.147 mi.)	D13	56
EARTH SYSTEMS SOUTHW EPA ID:: CAC002972907	1680 ILLINOIS AVENUE	WNW 1/8 - 1/4 (0.182 mi.)	D29	155
WEST COAST YAMAHA IN EPA ID:: CAL000348539	1622 ILLINOIS AVE ST	WNW 1/8 - 1/4 (0.241 mi.)	H38	219
AMANDA LANGSTON EPA ID:: CAC002965373	1622 ILLINOIS AVE	WNW 1/8 - 1/4 (0.241 mi.)	H39	222

US MINES: Mines Master Index File. The source of this database is the Dept. of Labor, Mine Safety and Health Administration.

A review of the US MINES list, as provided by EDR, has revealed that there are 11 US MINES sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POWERSCREEN 2100 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	26227 SHERMAN RD	SSE 1/8 - 1/4 (0.167 mi.)	C16	86
FAB-TECH 45 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	26227 SHERMAN RD	SSE 1/8 - 1/4 (0.167 mi.)	C18	109
FAB-TECH 18 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C19***	***115***
FAB-TECH 09 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C20***	***122***
FAB-TECH 49 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C21***	***129***
ROADRUNNER 32 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C22***	***136***
FAB-TECH 17 Database: MINES VIOLATIONS, Date of Government Version: 08/01/2022	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C23***	***143***

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NORTH COUNTY SAND &		SSE 1/8 - 1/4 (0.170 mi.)	F26	153
Database: US MINES, Date of Government Version: 08/03/2022				
Mine ID:: 0405632				
NORTH COUNTY SAND &		SSE 1/8 - 1/4 (0.170 mi.)	F27	154
Database: US MINES, Date of Government Version: 08/03/2022				
Mine ID:: 0405518				
NORTH COUNTY SAND &		SSE 1/8 - 1/4 (0.170 mi.)	F28	154
Database: US MINES, Date of Government Version: 08/03/2022				
Mine ID:: 0402253				
NORTH COUNTY SAND &		SSE 1/8 - 1/4 (0.189 mi.)	F30	157
Database: US MINES, Date of Government Version: 08/03/2022				
Mine ID:: 0405517				

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.

A review of the ABANDONED MINES list, as provided by EDR, and dated 06/14/2022 has revealed that there are 6 ABANDONED MINES sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FAB-TECH 18	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C19***	***115***
FAB-TECH 09	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C20***	***122***
FAB-TECH 49	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C21***	***129***
ROADRUNNER 32	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C22***	***136***
FAB-TECH 17	***26227 SHERMAN RD***	***SSE 1/8 - 1/4 (0.167 mi.)***	***C23***	***143***
CLINTON KEITH ROCK C	26227 SHERMAN RD	SSE 1/8 - 1/4 (0.167 mi.)	C25	153

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 06/21/2022 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHANEY'S AUTOMOTIVE	***27411 ETHANAC ROAD***	***SSE 0 - 1/8 (0.016 mi.)***	***A2***	***12***
Cleanup Status: COMPLETED - CASE CLOSED				
CALTRANS	***2764 HIGHWAY 74***	***NE 1/8 - 1/4 (0.218 mi.)***	***G32***	***158***
Cleanup Status: COMPLETED - CASE CLOSED				
ROMOLAND MARKET	***27856 HIGHWAY 74***	***E 1/4 - 1/2 (0.377 mi.)***	***41***	***227***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORWES HOLDINGS	***27256 HWY 74***	***NNW 1/4 - 1/2 (0.435 mi.)***	***42***	***233***

Cleanup Status: COMPLETED - CASE CLOSED

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CHANEY'S AUTO Reg Id: 083302297T	***27411***	***SSE 0 - 1/8 (0.029 mi.)***	***A9***	***47***
CALTRANS Reg Id: 083301251T	***2764 HIGHWAY 74***	***NE 1/8 - 1/4 (0.218 mi.)***	***G32***	***158***
ROMOLAND MARKET Reg Id: 083300832T	***27856 HIGHWAY 74***	***E 1/4 - 1/2 (0.377 mi.)***	***41***	***227***

MINES: A listing of mine site locations from the Office of Mine Reclamation.

A review of the MINES list, as provided by EDR, and dated 06/06/2022 has revealed that there is 1 MINES site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ROMALAND		N 1/8 - 1/4 (0.207 mi.)	31	158

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

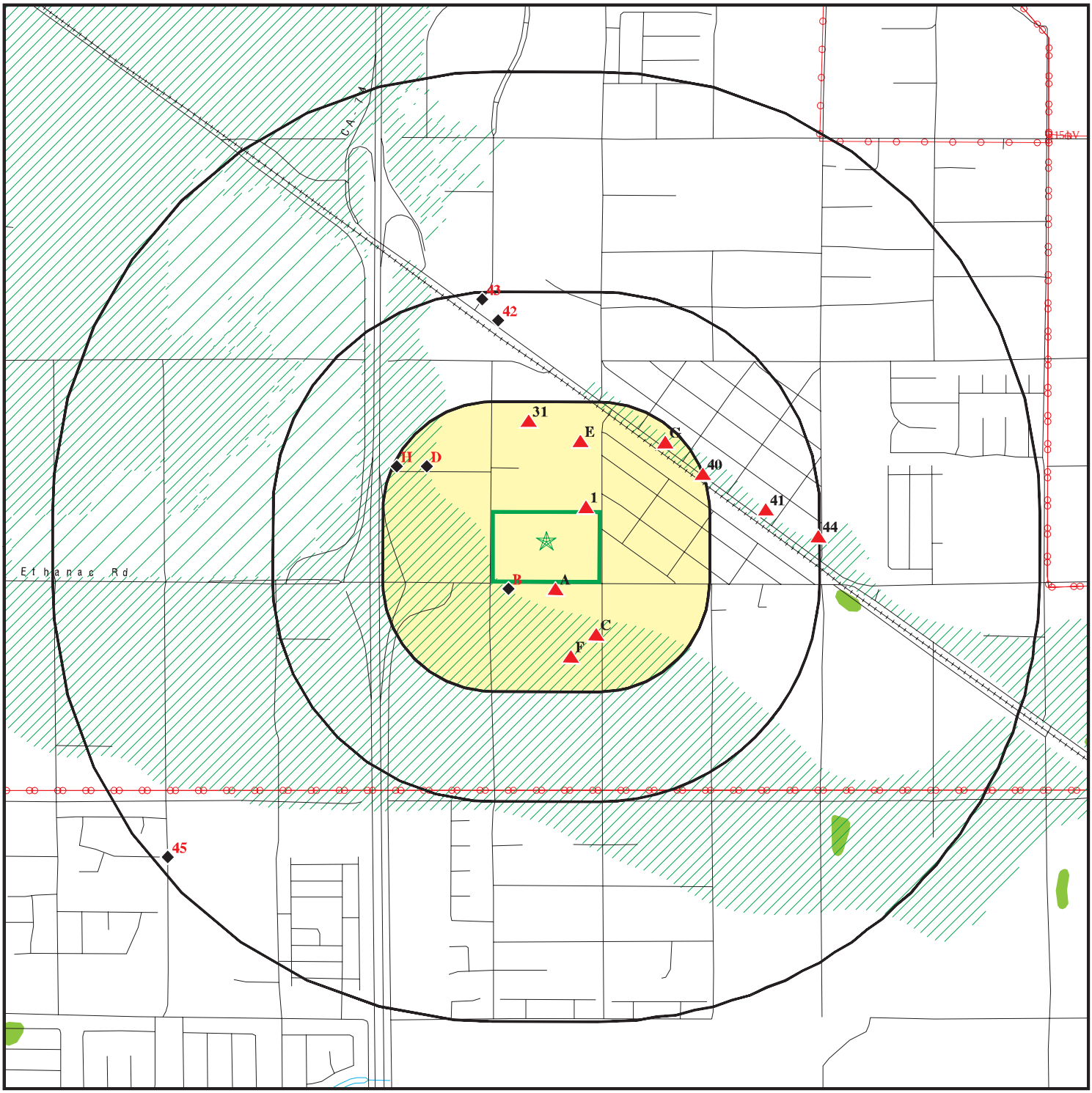
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO CELESTINO	27391 ETHANAC RD	S 0 - 1/8 (0.016 mi.)	A5	24
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
TRIMLINE AUTOMOTIVE	27271 ETHANAC RD STE	SW 0 - 1/8 (0.016 mi.)	B7	44

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name	Database(s)
28023 ETHANAC RD	CIWQS
CHEVRON #9-3075	LUST, HIST CORTESE

OVERVIEW MAP - 7169074.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

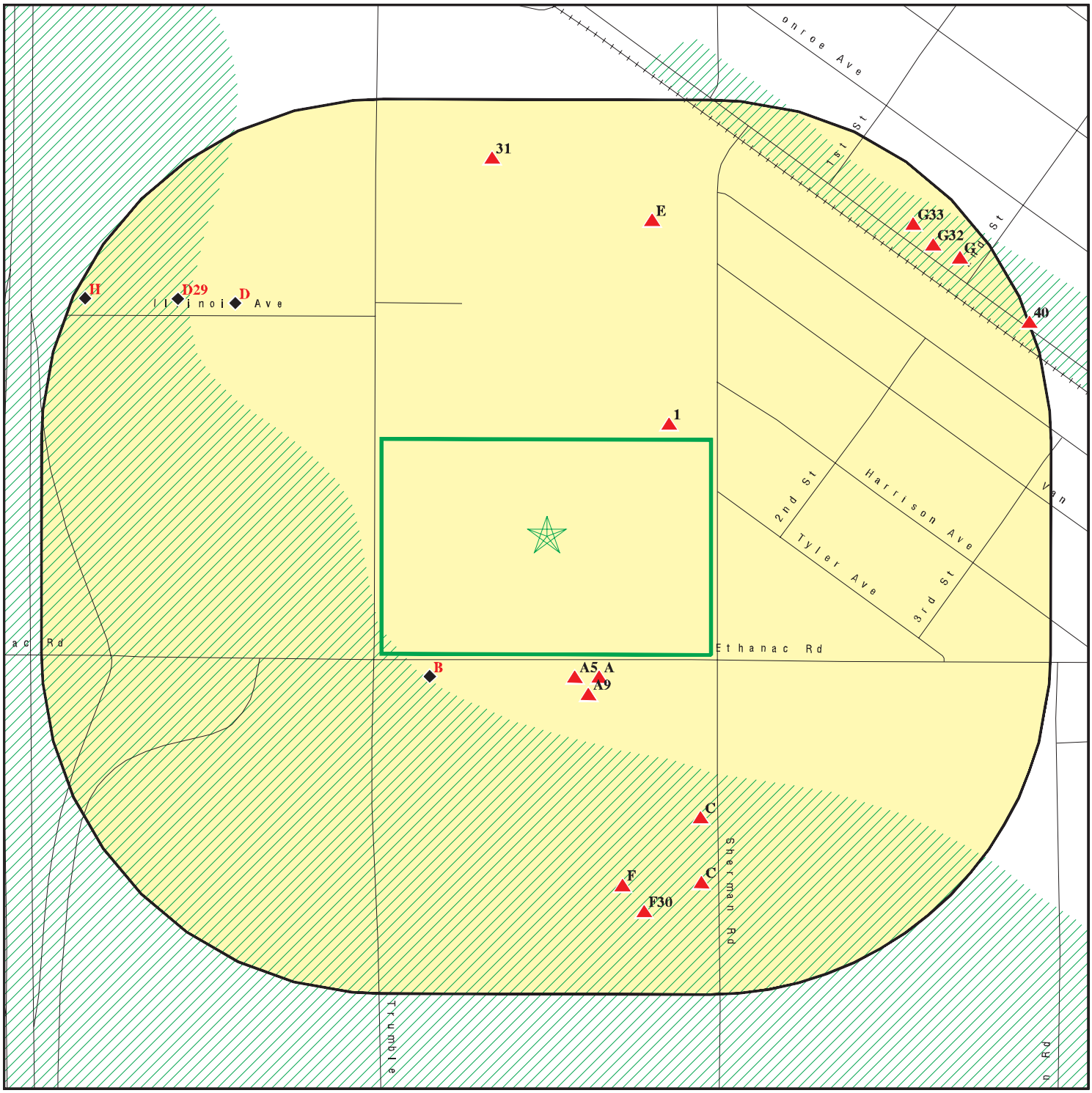
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Hillwood Ethanac	CLIENT:	GeoSyntec Consultants
ADDRESS:	Ethanac Road and Sherman Road Sun City CA 92585	CONTACT:	Jackie Hyman
LAT/LONG:	33.744313 / 117.182634	INQUIRY #:	7169074.2s
		DATE:	November 03, 2022 5:32 pm

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DETAIL MAP - 7169074.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Hillwood Ethanac	CLIENT:	GeoSyntec Consultants
ADDRESS:	Ethanac Road and Sherman Road Sun City CA 92585	CONTACT:	Jackie Hyman
LAT/LONG:	33.744313 / 117.182634	INQUIRY #:	7169074.2s
		DATE:	November 03, 2022 5:33 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
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	1	NR	NR	NR	1
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	0.001		0	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		0	0	1	1	NR	2
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		2	2	2	NR	NR	6
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
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	1	NR	NR	1
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	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		3	3	NR	NR	NR	6
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	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
CERS TANKS	0.250		1	2	NR	NR	NR	3
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	7	NR	NR	NR	11
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	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	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	11	NR	NR	NR	11
ABANDONED MINES	0.250		0	6	NR	NR	NR	6
FINDS	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	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
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		1	1	2	NR	NR	4
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		1	1	1	NR	NR	3
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	1	NR	NR	NR	1
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	14	38	7	1	0	60

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
NE
< 1/8
0.012 mi.
62 ft.

CASS ARRIETA
3060 SHERMAN RD
PERRIS, CA 92570

HAULERS
CERS HAZ WASTE
CERS TANKS
CERS
HWTS

S124887203
N/A

Relative:
Higher

Actual:
1433 ft.

HAULERS:

Name:	CASS ARRIETA
Address:	3060 SHERMAN ROAD
City,State,Zip:	PERRIS, CA 92570
Facility ID:	1950952
Facility Phone:	Not reported
Business Email Address:	Not reported
Contact Person:	Peter Johnson
Mailing Address:	P.O. Box 309
Mailing City:	El Cajon
Mailing State:	CA
Mailing Zip:	92022
Mailing County:	Not reported
Mailing Phone:	(619) 590-0929
Current Status:	Active
Current Hauler Status:	Not reported
Accepting Tires From Public:	Not reported
Regulatory Status Last Changed:	2021-12-13 14:38:18
Business Types:	Not reported

CERS HAZ WASTE:

Name:	CASS ARRIETA
Address:	3060 SHERMAN RD
City,State,Zip:	PERRIS, CA 92570
Site ID:	597105
CERS ID:	10884307
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CASS ARRIETA
Address:	3060 SHERMAN RD
City,State,Zip:	PERRIS, CA 92570
Site ID:	597105
CERS ID:	10884307
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	CASS ARRIETA
Address:	3060 SHERMAN RD
City,State,Zip:	PERRIS, CA 92570
Site ID:	597105
CERS ID:	10884307
CERS Description:	Chemical Storage Facilities

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-02-2022
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	This facility is a equipment repair shop that generates used oil, filters, and used absorbent. This facility is new and has not had a hazardous waste pick up.

CASS ARRIETA (Continued) **S124887203**

Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: This facility is a equipment repair shop that handles lubricating oil and antifreeze.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-02-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Cass Arrieta
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: (619) 593-4031,

Affiliation Type Desc: Parent Corporation
Entity Name: Cass Arrieta
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: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055,

Affiliation Type Desc: Identification Signer
Entity Name: JAI COX
Entity Title: EQUIPMENT SUPERINTENDENT

CASS ARRIETA (Continued) **S124887203**

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: Jai Cox
Entity Title: Not reported
Affiliation Address: PO Box 309
Affiliation City: EL CAJON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92022
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Cass Construction, Inc.
Entity Title: Not reported
Affiliation Address: PO Box 309
Affiliation City: EL CAJON
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92022
Affiliation Phone: (619) 590-0929,

Affiliation Type Desc: Document Preparer
Entity Name: Jai Cox
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: PO Box 309
Affiliation City: EL CAJON
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92022
Affiliation Phone: ,

HWTS:
Name: LONSDALE TRUCKING INC
Address: 3060 SHERMAN RD
Address 2: Not reported
City,State,Zip: PERRIS, CA 92570
EPA ID: CAL000366334
Inactive Date: 06/30/2013
Create Date: 08/02/2011
Last Act Date: Not reported

CASS ARRIETA (Continued) **S124887203**

Mailing Name:	Not reported
Mailing Address:	14196 TUSCANY CT
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIVERSIDE, CA 92508
Owner Name:	LONSDALE TRUCKING INC
Owner Address:	14196 TUSCANY CT
Owner Address 2:	Not reported
Owner City,State,Zip:	RIVERSIDE, CA 925088748
Contact Name:	DAVID LONSDALE
Contact Address:	3060 SHERMAN RD
Contact Address 2:	Not reported
City,State,Zip:	PERRIS, CA 925700000
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.74479
Longitude:	-117.18049

NAICS:

EPA ID:	CAL000366334
Create Date:	2011-08-02 11:18:18.213
NAICS Code:	48411
NAICS Description:	General Freight Trucking, Local
Issued EPA ID Date:	2011-08-02 11:18:18.16700
Inactive Date:	2013-06-30 00:00:00
Facility Name:	LONSDALE TRUCKING INC
Facility Address:	3060 SHERMAN RD
Facility Address 2:	Not reported
Facility City:	PERRIS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	925700000

EPA ID:	CAL000366334
Create Date:	2013-07-11 08:37:08.510
NAICS Code:	562119
NAICS Description:	Other Waste Collection
Issued EPA ID Date:	2011-08-02 11:18:18.16700
Inactive Date:	2013-06-30 00:00:00
Facility Name:	LONSDALE TRUCKING INC
Facility Address:	3060 SHERMAN RD
Facility Address 2:	Not reported
Facility City:	PERRIS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	925700000

A2 **CHANEY'S AUTOMOTIVE** **LUST** **S103820949**
SSE **27411 ETHANAC ROAD** **Cortese** **N/A**
< 1/8 **ROMOLAND, CA 92580** **CERS**
0.016 mi.
85 ft. **Site 1 of 5 in cluster A**

Relative:
Higher

Actual:
1432 ft.

LUST:

Name:	CHANEY'S AUTOMOTIVE
Address:	27411 ETHANAC ROAD
City,State,Zip:	ROMOLAND, CA 92580

CHANEY'S AUTOMOTIVE (Continued) **S103820949**

Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500332
Global Id:	T0606500332
Latitude:	33.7424785024374
Longitude:	-117.182165506781
Status:	Completed - Case Closed
Status Date:	09/29/2000
Case Worker:	RIV
RB Case Number:	083302297T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	93620
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0606500332
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

Global Id:	T0606500332
Contact Type:	Regional Board Caseworker
Contact Name:	VALERIE JAHN-BULL
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	valerie.jahn-bull@waterboards.ca.gov
Phone Number:	9517824903

LUST:

Global Id:	T0606500332
Action Type:	ENFORCEMENT
Date:	09/28/2000
Action:	File review - #RCDEH Upload Site File 4/21/2010

Global Id:	T0606500332
Action Type:	Other
Date:	10/02/1992
Action:	Leak Reported

Global Id:	T0606500332
Action Type:	ENFORCEMENT
Date:	09/29/2000
Action:	Closure/No Further Action Letter - #Riv Co Closure

Global Id:	T0606500332
Action Type:	Other
Date:	09/30/1992
Action:	Leak Stopped

CHANEY'S AUTOMOTIVE (Continued) **S103820949**

Global Id: T0606500332
Action Type: Other
Date: 09/30/1992
Action: Leak Discovery

LUST:
Global Id: T0606500332
Status: Open - Case Begin Date
Status Date: 09/30/1992

Global Id: T0606500332
Status: Open - Site Assessment
Status Date: 09/30/1992

Global Id: T0606500332
Status: Open - Site Assessment
Status Date: 07/09/1993

Global Id: T0606500332
Status: Completed - Case Closed
Status Date: 09/29/2000

RIVERSIDE CO. LUST:
Name: CHANEY'S AUTOMOTIVE
Address: 27411 ETHANAC RD
City,State,Zip: ROMOLAND, CA
Region: RIVERSIDE
Facility ID: 93620
Employee: Malloy
Site Closed: Yes
Case Type: Soil only
Facility Status: closed/action completed
Casetype Decode: Soil only is impacted
Fstatus Decode: Closed/Action completed

CORTESE:
Name: CHANEY'S AUTOMOTIVE
Address: 27411 ETHANAC ROAD
City,State,Zip: ROMOLAND, CA 92580
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0606500332
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

CHANEY'S AUTOMOTIVE (Continued) **S103820949**

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: CHANEY'S AUTOMOTIVE
Address: 27411 ETHANAC ROAD
City,State,Zip: ROMOLAND, CA 92580
Site ID: 231550
CERS ID: T0606500332
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title: Not reported
Affiliation Address: 3880 LEMON ST SUITE 200
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9519558980,

A3 **LONGS ENTERPRISES INC DBA LONGS AUTOMOTIVE** **RCRA NonGen / NLR** **1024851171**
SSE **27411 ETHANAC RD** **CAL000409435**
< 1/8 **SUN CITY, CA 92585**
0.016 mi.
85 ft. **Site 2 of 5 in cluster A**

Relative:
Higher

Actual:
1432 ft.

RCRA Listings:
Date Form Received by Agency: 20150819
Handler Name: LONGS ENTERPRISES INC DBA LONGS AUTOMOTIVE
Handler Address: 27411 ETHANAC RD
Handler City,State,Zip: SUN CITY, CA 92585
EPA ID: CAL000409435
Contact Name: BRAD LONG
Contact Address: 26100 FARMINGTON RD
Contact City,State,Zip: MENIFEE, CA 92584
Contact Telephone: 951-928-1966
Contact Fax: 951-928-3247
Contact Email: RRADBRAD@VERIZON.NET
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: 27411 ETHANAC RD
Mailing City,State,Zip: MENIFEE, CA 92585-9268
Owner Name: BRAD LONG
Owner Type: Other

LONGS ENTERPRISES INC DBA LONGS AUTOMOTIVE (Continued) **1024851171**

Operator Name:	BRAD LONG
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

LONGS ENTERPRISES INC DBA LONGS AUTOMOTIVE (Continued) **1024851171**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: BRAD LONG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26100 FARMINGTON RD
Owner/Operator City,State,Zip:	MENIFEE, CA 92584
Owner/Operator Telephone:	951-928-1966
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: BRAD LONG	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26100 FARMINGTON RD
Owner/Operator City,State,Zip:	MENIFEE, CA 92584-9268
Owner/Operator Telephone:	951-928-1966
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20150819
Handler Name:	LONGS ENTERPRISES INC DBA LONGS AUTOMOTIVE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A4 **ETHANAC SMOG** **CERS HAZ WASTE** **S124907522**
SSE **27411 ETHANAC RD** **HWTS** **N/A**
< 1/8 **ROMOLAND, CA 92585**
0.016 mi.
85 ft. **Site 3 of 5 in cluster A**

Relative:
Higher

Actual:
1432 ft.

CERS HAZ WASTE:

Name:	LONG'S AUTOMOTIVE
Address:	27411 ETHANAC RD
City,State,Zip:	ROMOLAND, CA 92585
Site ID:	565317
CERS ID:	10316920
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
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 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

ETHANAC SMOG (Continued) **S124907522**

Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
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 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
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 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015

ETHANAC SMOG (Continued) **S124907522**

Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
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.
Violation Notes:	Returned to compliance on 05/08/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	565317
Site Name:	Long's Automotive
Violation Date:	04-08-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description:	Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes:	Returned to compliance on 05/08/2015.

ETHANAC SMOG (Continued) **S124907522**

Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 565317
Site Name: Long's Automotive
Violation Date: 04-08-2015
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 05/08/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RTC
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-09-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-08-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RTC

ETHANAC SMOG (Continued) **S124907522**

Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-02-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility is an automotive repair shop. Hazardous materials generated include used oil, used antifreeze, used oil filters, used/oily mop water, and spent lead-acid batteries.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 565317
Site Name: Long's Automotive
Site Address: 27411 ETHANAC RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 04-08-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 565317
Site Name: Long's Automotive
Site Address: 27411 ETHANAC RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 04-08-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055,

Affiliation Type Desc: Document Preparer
Entity Name: Riversie County Proxy Submittal
Entity Title: Not reported

ETHANAC SMOG (Continued) **S124907522**

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:	Long Enterprises Inc
Entity Title:	Not reported
Affiliation Address:	27411 Ethanac Rd
Affiliation City:	Menifee
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 928-1966,
Affiliation Type Desc:	Environmental Contact
Entity Name:	951 928-1966
Entity Title:	Not reported
Affiliation Address:	27411 Ethanac Rd
Affiliation City:	Menifee
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92585
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Long’s Automotive
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:	(951) 928-1966,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Long’s Automotive
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:	27411 Ethanac Rd
Affiliation City:	Menifee
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92585
Affiliation Phone:	,

ETHANAC SMOG (Continued) **S124907522**

HWTS:

Name:	ETHANAC SMOG
Address:	27411 ETHANAC RD
Address 2:	Not reported
City,State,Zip:	ROMOLAND, CA 92585
EPA ID:	CAL000412122
Inactive Date:	06/30/2016
Create Date:	11/04/2015
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	27411 ETHANAC RD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ROMOLAND, CA 925859787
Owner Name:	FRANK CANBEROS
Owner Address:	26524 APPLE CREEK RD
Owner Address 2:	Not reported
Owner City,State,Zip:	SUN CITY, CA 925863622
Contact Name:	FRANK CANBEROS
Contact Address:	26524 APPLE CREEK RD
Contact Address 2:	Not reported
City,State,Zip:	SUN CITY, CA 92586
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.74290235
Longitude:	-117.18199966

NAICS:

EPA ID:	CAL000412122
Create Date:	2015-11-04 15:16:52.083
NAICS Code:	45299
NAICS Description:	All Other General Merchandise Stores
Issued EPA ID Date:	2015-11-04 15:16:52.08000
Inactive Date:	2016-06-30 00:00:00
Facility Name:	ETHANAC SMOG
Facility Address:	27411 ETHANAC RD
Facility Address 2:	Not reported
Facility City:	ROMOLAND
Facility County:	Not reported
Facility State:	CA
Facility Zip:	925859787

A5 **ARCO CELESTINO** **EDR Hist Auto** **1020821264**
South **27391 ETHANAC RD** **N/A**
< 1/8 **SUN CITY, CA 92585**
0.016 mi.
86 ft. **Site 4 of 5 in cluster A**

Relative: EDR Hist Auto
Higher

Actual:
1432 ft.

Year:	Name:	Type:
2002	ARCO CELESTINO	Gasoline Service Stations

B6 **TOP TECH AUTO & SONS** **CERS HAZ WASTE** **S113797925**
SW **27271 ETHANAC RD STE 103** **CERS** **N/A**
< 1/8 **SUN CITY, CA 92585**
0.016 mi.
86 ft. **Site 1 of 3 in cluster B**

Relative:
Lower

Actual:
1430 ft.

CERS HAZ WASTE:
Name: TOP TECH AUTO & SONS
Address: 27271 ETHANAC RD STE 103
City,State,Zip: SUN CITY, CA 92585
Site ID: 162751
CERS ID: 10329424
CERS Description: Hazardous Waste Generator

CERS:
Name: TOP TECH AUTO & SONS
Address: 27271 ETHANAC RD STE 103
City,State,Zip: SUN CITY, CA 92585
Site ID: 162751
CERS ID: 10329424
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 162751
Site Name: Top Tech Auto & Sons
Violation Date: 03-06-2019
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 04/17/2019. OBSERVATION: The facility was unable to provide waste manifests for the previous three year period for review at the time of the re-inspection. CORRECTIVE ACTION: Owner/operator shall locate TSDF-signed copy of all waste manifests for waste pick-ups that occurred between January 30, 2016 and the present date. Maintain all waste manifests for a minimum of three years and ensure that they are available for review at the time of the re-inspection.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Violation Date: 01-30-2019
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 03/29/2019. OBSERVATION: The facility has some areas where oil has been spilled onto the ground or is pooled on top of waste drums, and the spills have not been absorbed and cleaned up. CORRECTIVE ACTION: Owner/operator shall ensure that all areas

TOP TECH AUTO & SONS (Continued) **S113797925**

where oil is spilled onto the ground are cleaned up properly using absorbent, and that all drum-tops are free from pooled liquid. Hazardous waste shall be managed according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation (photos) explaining how this waste was managed to this department.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Violation Date: 07-22-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 09/23/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Violation Date: 01-30-2019
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 03/06/2019. OBSERVATION: Site map submitted in CERS was missing the evacuation staging area and locations of emergency shut-offs. These items were added to the existing map today, which will be uploaded into CERS. CORRECTIVE ACTION: Owner/operator shall complete an annotated site map which includes all elements outlines in CA Health and Safety Code and submit into the statewide information management system at http://cers.calepa.ca.gov.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Violation Date: 07-22-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 09/23/2015. [LOCAL ORDINANCE VIOLATION 104D] Emergency equipment has been posted appropriately.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Violation Date: 01-30-2019
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure of a generator of hazardous waste that meets the conditions to

TOP TECH AUTO & SONS (Continued) **S113797925**

	be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 04/17/2019. OBSERVATION: Consolidated manifests for waste oil, antifreeze, and filters were not able to be obtained during the inspection, and could therefore not be reviewed. CORRECTIVE ACTION: Owner/operator shall obtain previous records of waste disposal that occurred during the period of 01/30/2016 to the present date. Owner/operator shall maintain records of hazardous waste transport and disposal on site for at least 3 years.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
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.
Violation Notes:	Returned to compliance on 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	09-23-2015
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 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-06-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 03/29/2019. OBSERVATION: Required NFPA-704 signs were not posted on the entrance to the shop/bays. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. The sign shall be posted on the wall near the bay door, and must be visible to first responders approaching the facility.
Violation Division:	Riverside County Department of Env Health

TOP TECH AUTO & SONS (Continued) **S113797925**

Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-06-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 03/29/2019. OBSERVATION: Observed containers of waste antifreeze without bung caps in place. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-29-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/17/2019. OBSERVATION: No manifests available during inspection. CORRECTIVE ACTION: Owner/operator shall obtain all manifests for hazardous waste shipments which occurred in the past 3 years. Manifests shall be made available for inspection. *Submit copies of all waste manifests from 2016 - present to kgill@rivco.org
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons

TOP TECH AUTO & SONS (Continued) **S113797925**

Violation Date:	07-22-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-06-2019
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 03/29/2019. OBSERVATION: Observed spills of oil on ground under the lift, where absorbent had been applied but was not swept up and placed into a container for removal as a hazardous waste. CORRECTIVE ACTION: Owner/operator shall clean up all spills completely, and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation (photos) explaining how this waste was managed to this department.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	01-30-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 03/29/2019. OBSERVATION: Containers of waste oil and antifreeze were observed to be missing caps. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste. Ensure that all drums contain caps and are stored closed when not in use.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

TOP TECH AUTO & SONS (Continued) **S113797925**

Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	01-30-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 04/17/2019. OBSERVATION: Waste manifests were not able to be obtained during the inspection and could therefore not be reviewed. CORRECTIVE ACTION: Owner/operator shall locate TSDF-signed copies of all waste manifests for pick-ups occurring during the period of 1/30/2016 to present. TSDF-signed copies will contain the wording, "Designated Facility to Generator" in the bottom right corner of the document.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	11-27-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 03/06/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015

TOP TECH AUTO & SONS (Continued) **S113797925**

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 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
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 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Hazardous Waste manifest.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health

TOP TECH AUTO & SONS (Continued) **S113797925**

Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.5 25250.19(c) - California Health and Safety Code, Chapter 6.5, Section(s) 25250.19(c)
Violation Description:	Failure to retain paperwork documenting disposal of used oil for three years.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	01-30-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 03/29/2019. OBSERVATION: Required NFPA-704 signs were not posted on the entrance to the shop/service bays. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. The sign shall be posted on the wall at the entrance to the shop and service bay.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	04-01-2021
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 and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 12/20/2021.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
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 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons

TOP TECH AUTO & SONS (Continued) **S113797925**

Violation Date:	07-22-2015
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-29-2019
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 04/17/2019. OBSERVATION: Observed facility shipping non-RCRA hazardous waste off site. No consolidated manifests available during inspection. CORRECTIVE ACTION: Owner/operator shall obtain previous records of waste disposal. Owner/operator shall maintain records of hazardous waste transport and disposal on site for at least 3 *Submit copies of all consolidated waste manifests to kgill@rivco.org
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	11-03-2021
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 and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 12/20/2021.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	01-30-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/29/2019. OBSERVATION: Documentation of employee training regarding the hazardous materials that are stored on-site was not available for review during the inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees.

TOP TECH AUTO & SONS (Continued) **S113797925**

	Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. Employee training shall be provided annually at a minimum, and shall cover all topics listed on the form provided during the inspection.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
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 09/23/2015. [LOCAL ORDINANCE VIOLATION 101C] Approved HMBP accessible on site and available for review.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description:	Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-06-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 03/29/2019. OBSERVATION: Documentation of employee training regarding hazardous materials handling and procedures was not available for review at the time of re-inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for

TOP TECH AUTO & SONS (Continued) **S113797925**

	inspection for a minimum period of 3 years from the date of the training. Training must cover all topics listed on the form provided during the inspection.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
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 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	01-30-2019
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 03/06/2019. OBSERVATION: The annual business plan certification submitted in the statewide information management system was rejected. No resubmission was observed. The HMBP is complete except for the site map, which was uploaded in a format that cannot be opened. CORRECTIVE ACTION: Owner/Operator shall submit an updated business plan in the statewide information management system at http://cers.calepa.ca.gov. Business plans shall be reviewed and certified on at least an annual basis.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	01-30-2019
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 03/06/2019. OBSERVATION: Because the facility does not have a current, accepted HMBP, there is no readily available copy on-site. CORRECTIVE ACTION: Owner/operator shall ensure a current copy of the hazardous materials business plan is readily available on site at all times when the facility is staffed. Once the HMBP is completed in CERS, print a copy and maintain it on-site, where it will be available for review by business personnel and during inspections.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP

TOP TECH AUTO & SONS (Continued) **S113797925**

Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-05-2017
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 03/06/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 09/23/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	08-25-2021
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 and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/21/2022.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	10-10-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 03/06/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95,

TOP TECH AUTO & SONS (Continued) **S113797925**

	Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 09/23/2015. [LOCAL ORDINANCE VIOLATION 104A] NFPA 704 sign(s) have been posted appropriately.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	09-23-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	07-22-2015
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 09/30/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	03-06-2019
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes:	Returned to compliance on 04/17/2019. OBSERVATION: The facility does not have copies of consolidated manifests for waste oil available for review at the time of re-inspection. CORRECTIVE ACTION: Owner/operator shall obtain previous records of waste disposal. Owner/operator shall maintain records of hazardous waste transport and disposal for at least 3 years, and ensure that they are available for review at the time of inspection.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	162751
Site Name:	Top Tech Auto & Sons
Violation Date:	08-29-2018

TOP TECH AUTO & SONS (Continued) **S113797925**

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 03/06/2019.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 08-25-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RTC- Violations Corrected.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility is an automotive repair shop, which generates waste oil, coolant, oil and gasoline filters, and shop towels. Because waste manifests were not able to be provided for review during the inspection, items related to accumulation time limits, use of licensed waste hauler, waste manifests, and proper disposal of waste are marked as "N/A" on this report, as they could not be verified at the time of inspection.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-06-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following inspection on 01/30/2019. All violations were observed to be un-corrected at the time of re-inspection.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-06-2019
Violations Found: Yes

TOP TECH AUTO & SONS (Continued) **S113797925**

Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following inspection on 01/30/2019. Violations 1010017, 1010005, and 1010008 were corrected at the time of the re-inspection. All other violations remain un-corrected.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-01-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-17-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following re-inspection on 03/29/2019, 03/06/2019, and 01/30/2019. All violations were observed to be corrected at the time of re-inspection.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-10-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-27-2018

TOP TECH AUTO & SONS (Continued) **S113797925**

Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility is an automotive repair shop, which stores various types of lubricating oils and antifreeze on-site.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-05-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-03-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following re-inspection on 03/06/2019 and inspection on 01/30/2019. All violations were observed to be corrected at the time of re-inspection.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-29-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following re-inspection on 03/06/2019 and inspection on 01/30/2019.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown

TOP TECH AUTO & SONS (Continued) **S113797925**

Eval Date: 08-29-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-23-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not all violations corrected.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Enforcement Action:
Site ID: 162751
Site Name: Top Tech Auto & Sons
Site Address: 27271 ETHANAC RD STE 103
Site City: SUN CITY
Site Zip: 92585
Enf Action Date: 07-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Site Address: 27271 ETHANAC RD STE 103
Site City: SUN CITY
Site Zip: 92585
Enf Action Date: 07-22-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Site Address: 27271 ETHANAC RD STE 103
Site City: SUN CITY
Site Zip: 92585
Enf Action Date: 09-23-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

TOP TECH AUTO & SONS (Continued) **S113797925**

Site ID: 162751
Site Name: Top Tech Auto & Sons
Site Address: 27271 ETHANAC RD STE 103
Site City: SUN CITY
Site Zip: 92585
Enf Action Date: 11-27-2018
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 162751
Site Name: Top Tech Auto & Sons
Site Address: 27271 ETHANAC RD STE 103
Site City: SUN CITY
Site Zip: 92585
Enf Action Date: 12-08-2021
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $1,500.00.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Joesph Hartfield
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: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055,

Affiliation Type Desc: Environmental Contact
Entity Name: Angie Hartfield
Entity Title: Not reported
Affiliation Address: 27271 Ethanac Rd #103
Affiliation City: Sun City
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92585
Affiliation Phone: ,

TOP TECH AUTO & SONS (Continued) **S113797925**

Affiliation Type Desc:	Identification Signer
Entity Name:	Joe Hartfield
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	Top Tech Auto & Sons
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Operator
Entity Name:	Joe Hartfield
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:	(951) 928-8488,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	27271 Ethanac Rd # 103
Affiliation City:	Sun City
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92585
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	Joe Hartfield
Entity Title:	Not reported
Affiliation Address:	27271 Ethanac Rd #103
Affiliation City:	Sun City
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 928-8488,

B7 **TRIMLINE AUTOMOTIVE INTERIORS** **EDR Hist Auto** **1020305885**
SW **27271 ETHANAC RD STE 104** **N/A**
< 1/8 **SUN CITY, CA 92585**
0.016 mi.
86 ft. **Site 2 of 3 in cluster B**

Relative: EDR Hist Auto
Lower

Actual:
1430 ft.

Year:	Name:	Type:
1985	CONTOS ENTERPRISES INC	Auto And Home Supply Stores
1986	CONTOS ENTERPRISES INC	Auto And Home Supply Stores
1987	CONTOS ENTERPRISES INC	Auto And Home Supply Stores
1988	CONTOS ENTERPRISES INC	Auto And Home Supply Stores
1989	CONTOS ENTERPRISES INC	General Automotive Repair Shops
1990	CONTOS ENTERPRISES INC	General Automotive Repair Shops
1991	CONTOS ENTERPRISES INC	Auto And Home Supply Stores, NEC
1995	SUN CITY TRANSMISSION	Automotive Transmission Repair Shops
1996	SUN CITY TRANSMISSION	Automotive Transmission Repair Shops
1997	SUN CITY TRANSMISSION	Automotive Transmission Repair Shops
1998	SUN CITY TRANSMISSION	Automotive Transmission Repair Shops
1999	SUN CITY TRANSMISSION	Automotive Transmission Repair Shops
2000	SUN CITY TRANSMISSION	Automotive Transmission Repair Shops
2001	SUN CITY FAMILY AUTO CENTER	Automotive Transmission Repair Shops
2002	SUN CITY FAMILY AUTO CENTER	Automotive Transmission Repair Shops
2006	REALISTIC AUTOMOTIVE AUTO	General Automotive Repair Shops
2006	CITY TRANSMISSIONS	Automotive Repair Shops, NEC
2007	CITY TRANSMISSIONS	Automotive Repair Shops, NEC
2007	REALISTIC AUTOMOTIVE AUTO	General Automotive Repair Shops
2008	REALISTIC AUTOMOTIVE AUTO	General Automotive Repair Shops
2008	CITY TRANSMISSIONS	Automotive Repair Shops, NEC
2008	TOP TECH AUTO & SONS	General Automotive Repair Shops
2009	REALISTIC AUTOMOTIVE AUTO	General Automotive Repair Shops
2009	TOP TECH AUTO & SONS	General Automotive Repair Shops
2010	TRIMLINE AUTOMOTIVE INTERIORS	General Automotive Repair Shops
2010	REALISTIC AUTOMOTIVE AUTO	General Automotive Repair Shops
2010	TOP TECH AUTO & SONS	General Automotive Repair Shops
2011	TOP TECH AUTO & SONS	General Automotive Repair Shops
2011	REALISTIC AUTOMOTIVE AUTO	General Automotive Repair Shops
2011	TRIMLINE AUTOMOTIVE INTERIORS	General Automotive Repair Shops
2012	TRIMLINE AUTOMOTIVE INTERIORS	General Automotive Repair Shops
2012	TOP TECH AUTO & SONS	General Automotive Repair Shops
2013	TOP TECH AUTO & SONS	General Automotive Repair Shops
2014	TOP TECH AUTO & SONS	General Automotive Repair Shops

B8 **GENCORP AUTO BODY SHOP** **RCRA NonGen / NLR** **1027091119**
SW **27271 ETHANAC RD** **CAL000414411**
< 1/8 **MENIFEE, CA 92585**
0.016 mi.
86 ft. **Site 3 of 3 in cluster B**

Relative: RCRA Listings:
Lower

Actual:
1430 ft.

Date Form Received by Agency:	20160218
Handler Name:	GENCORP AUTO BODY SHOP
Handler Address:	27271 ETHANAC RD
Handler City,State,Zip:	MENIFEE, CA 92585
EPA ID:	CAL000414411
Contact Name:	KENNETH CANDRAY
Contact Address:	13526
Contact City,State,Zip:	MORENO VALLEY, CA 92555-0000
Contact Telephone:	951-526-6850

GENCORP AUTO BODY SHOP (Continued) **1027091119**

Contact Fax:		Not reported
Contact Email:		INFO@GENCORPAUTOBODYSHOP.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:		27271 ETHENAC RD
Mailing City,State,Zip:		MENIFEE, CA 92585-0000
Owner Name:	WILLIAM A SALVADOR	
Owner Type:		Other
Operator Name:	KENNETH CANDRAY	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A

GENCORP AUTO BODY SHOP (Continued) **1027091119**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20220110
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: KENNETH CANDRAY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13526
Owner/Operator City,State,Zip:	MORENO VALLEY, CA 92555-0000
Owner/Operator Telephone:	951-526-6850
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WILLIAM A SALVADOR	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	13526
Owner/Operator City,State,Zip:	MORENO VALLEY, CA 92555-0000
Owner/Operator Telephone:	951-534-2737
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160218
Handler Name: GENCORP AUTO BODY SHOP	
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

GENCORP AUTO BODY SHOP (Continued) **1027091119**

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A9 **CHANEY'S AUTO** **LUST S101300608**
SSE **27411** **HIST CORTESE N/A**
< 1/8 **ROMOLAND, CA 92380**
0.029 mi.
153 ft. **Site 5 of 5 in cluster A**

Relative:
Higher

Actual:
1432 ft.

LUST REG 8:

Name:	CHANEY'S AUTO
Address:	27411 ETHANAC ROAD
City:	ROMOLAND
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Preliminary site assessment underway
Case Number:	083302297T
Local Case Num:	93620
Case Type:	Aquifer affected
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0606500332
How Stopped Date:	9/30/1992
Enter Date:	9/3/1993
Date Confirmation of Leak Began:	9/30/1992
Date Preliminary Assessment Began:	7/9/1993
Discover Date:	9/30/1992
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/3/1993
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

CHANEY'S AUTO (Continued) **S101300608**

Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7428122
Longitude:	-117.1834162
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

HIST CORTESE:

edr_fname:	CHANEY'S AUTO
edr_fadd1:	27411
City,State,Zip:	ROMOLAND, CA 92380
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083302297T

C10 **PRO STRUCTURAL INC** **RCRA NonGen / NLR** **1024874248**
SSE **26105 SHERMAN RD 2ND FLR** **CAL000442903**
< 1/8 **MENIFEE, CA 92585**
0.120 mi.
631 ft. **Site 1 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

RCRA Listings:

Date Form Received by Agency:		20210706
Handler Name:	PRO STRUCTURAL INC	
Handler Address:		26105 SHERMAN RD 2ND FLR
Handler City,State,Zip:		MENIFEE, CA 92585
EPA ID:		CAL000442903
Contact Name:		HOLLY YOWELL
Contact Address:		RIVERSIDE DR
Contact City,State,Zip:		LAKE ELSINORE, CA 92530
Contact Telephone:		951-303-3835
Contact Fax:		951-565-4643
Contact Email:		HOLLYY@PROSTRUCTURALINC.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

PRO STRUCTURAL INC (Continued) **1024874248**

State District Owner:		Not reported
State District:		Not reported
Mailing Address:		RIVERSIDE DR
Mailing City,State,Zip:		LAKE ELSINORE, CA 92530
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	PRO STRUCTURAL INC	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20210707
Recognized Trader-Importer:		No

PRO STRUCTURAL INC (Continued) **1024874248**

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: ROBERT YOWELL	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26105 SHERMAN RD 2ND FLR
Owner/Operator City,State,Zip:	MENIFEE, CA 92585
Owner/Operator Telephone:	951-587-1439
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: PRO STRUCTURAL INC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	29190 RIVERSIDE DR
Owner/Operator City,State,Zip:	LAKE ELSINORE, CA 92530
Owner/Operator Telephone:	951-303-3835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: STEVEN BULLOCK	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	26105 SHERMAN RD 2ND FLR
Owner/Operator City,State,Zip:	MENIFEE, CA 92585
Owner/Operator Telephone:	951-303-3835
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190131
Handler Name: PRO STRUCTURAL 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:	No

PRO STRUCTURAL INC (Continued) **1024874248**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210706
Handler Name: PRO STRUCTURAL 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: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 238140
NAICS Description: MASONRY CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C11 **SUMMIT EQUIPMENT RENTALS** **RCRA NonGen / NLR** **1024870592**
SSE **26105 SHERMAN RD** **CAL000439231**
< 1/8 **MENIFEE, CA 92586**
0.120 mi.
631 ft. **Site 2 of 12 in cluster C**

Relative: **Higher**
Actual: **1432 ft.**

RCRA Listings:
Date Form Received by Agency: 20180919
Handler Name: SUMMIT EQUIPMENT RENTALS
Handler Address: 26105 SHERMAN RD
Handler City,State,Zip: MENIFEE, CA 92586
EPA ID: CAL000439231
Contact Name: ROBERT KUSHNER
Contact Address: 26105 SHERMAN RD
Contact City,State,Zip: MENIFEE, CA 92586
Contact Telephone: 951-232-5994
Contact Fax: 951-246-3770
Contact Email: ROBERT@SUMMITRENTALS.NET
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: 26105 SHERMAN RD

SUMMIT EQUIPMENT RENTALS (Continued) **1024870592**

Mailing City,State,Zip:		MENIFEE, CA 92586
Owner Name:	ROBERT KUSHER	
Owner Type:		Other
Operator Name:	ROBERT KUSHNER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20181001
Recognized Trader-Importer:		No
Recognized Trader-Exporter:		No
Importer of Spent Lead Acid Batteries:		No
Exporter of Spent Lead Acid Batteries:		No

SUMMIT EQUIPMENT RENTALS (Continued) **1024870592**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ROBERT KUSHER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 30830 STERN DR
Owner/Operator City,State,Zip: MENIFEE, CA 92584
Owner/Operator Telephone: 951-232-5994
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ROBERT KUSHNER
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 26105 SHERMAN RD
Owner/Operator City,State,Zip: MENIFEE, CA 92586
Owner/Operator Telephone: 951-232-5994
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180919
Handler Name: SUMMIT EQUIPMENT RENTALS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D12 **RICHARD WHITAKER DBA CHUTE SYSTEMS** **RCRA NonGen / NLR** **1024826126**
NW **1722 ILLINOIS AVE** **CAL000353361**
1/8-1/4 **PERRIS, CA 92571**
0.147 mi.
776 ft. **Site 1 of 3 in cluster D**

Relative: **Lower**

Actual: **1427 ft.**

RCRA Listings:

Date Form Received by Agency:		20100615
Handler Name:	RICHARD WHITAKER DBA CHUTE SYSTEMS	
Handler Address:		1722 ILLINOIS AVE
Handler City,State,Zip:		PERRIS, CA 92571-9371
EPA ID:		CAL000353361
Contact Name:		RICHARD WHITAKER
Contact Address:		21366 HARVILL AVENUE STE 2
Contact City,State,Zip:		PERRIS, CA 92570
Contact Telephone:		951-443-2800
Contact Fax:		951-443-2888
Contact Email:		BETH@CHUTESYSTEMS.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:		21366 HARVILL AVE STE 2
Mailing City,State,Zip:		PERRIS, CA 92570-0000
Owner Name:	RICHARD WHITAKER	
Owner Type:		Other
Operator Name:	RICHARD WHITAKER	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

RICHARD WHITAKER DBA CHUTE SYSTEMS (Continued) **1024826126**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: RICHARD WHITAKER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21366 HARVILL AVE STE 2
Owner/Operator City,State,Zip:	PERRIS, CA 92570-0000
Owner/Operator Telephone:	951-443-2800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RICHARD WHITAKER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	21366 HARVILL AVENUE STE 2
Owner/Operator City,State,Zip:	PERRIS, CA 92570
Owner/Operator Telephone:	951-443-2800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RICHARD WHITAKER DBA CHUTE SYSTEMS (Continued) **1024826126**

Historic Generators:
Receive Date: 20100615
Handler Name: RICHARD WHITAKER DBA CHUTE SYSTEMS
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: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D13 **TOP PROMOTIONAL PRODUCTS** **RCRA NonGen / NLR** **1024834306**
NW **1794 ILLINOIS AVE** **CAL000374619**
1/8-1/4 **PERRIS, CA 92571**
0.147 mi.
776 ft. **Site 2 of 3 in cluster D**

Relative: **Lower**

Actual: **1427 ft.**

RCRA Listings:
Date Form Received by Agency: 20120517
Handler Name: TOP PROMOTIONAL PRODUCTS
Handler Address: 1794 ILLINOIS AVE
Handler City,State,Zip: PERRIS, CA 92571
EPA ID: CAL000374619
Contact Name: ANDREW A LAWMAN
Contact Address: 1794 ILLINOIS AVE
Contact City,State,Zip: PERRIS, CA 92571
Contact Telephone: 951-916-4025
Contact Fax: 614-431-1239
Contact Email: ALAWMAN@TOPUSA.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: 1794 ILLINOIS AVE
Mailing City,State,Zip: PERRIS, CA 92571-0000
Owner Name: PIA WENDEL

TOP PROMOTIONAL PRODUCTS (Continued) **1024834306**

Owner Type:	Other
Operator Name: ANDREW A LAWMAN	
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20180906
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

TOP PROMOTIONAL PRODUCTS (Continued) **1024834306**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ANDREW A LAWMAN
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1794 ILLINOIS AVE
Owner/Operator City,State,Zip: PERRIS, CA 92571
Owner/Operator Telephone: 951-916-4025
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PIA WENDEL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1794 ILLINOIS AVE
Owner/Operator City,State,Zip: PERRIS, CA 92571-0000
Owner/Operator Telephone: 614-440-0282
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20120517
Handler Name: TOP PROMOTIONAL PRODUCTS
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: 323119
NAICS Description: OTHER COMMERCIAL PRINTING

NAICS Code: 42299
NAICS Description: OTHER MISCELLANEOUS NONDURABLE GOODS WHOLESALERS

NAICS Code: 54189
NAICS Description: OTHER SERVICES RELATED TO ADVERTISING

Facility Has Received Notices of Violations:
Violations: No Violations Found

TOP PROMOTIONAL PRODUCTS (Continued) **1024834306**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E14 **J.N GREASE** **RCRA NonGen / NLR** **1025845274**
NNE **25685 SHERMAN RD** **CAC003024896**
1/8-1/4 **MENIFEE, CA 92585**
0.162 mi.
854 ft. **Site 1 of 2 in cluster E**

Relative: **Higher**
Actual: **1433 ft.**

RCRA Listings:

Date Form Received by Agency:		20190719
Handler Name:	J.N GREASE	
Handler Address:		25685 SHERMAN RD
Handler City,State,Zip:		MENIFEE, CA 92585
EPA ID:		CAC003024896
Contact Name:		JOSE NAVARRO
Contact Address:		25685 SHERMAN RD
Contact City,State,Zip:		MENIFEE, CA 92585
Contact Telephone:		909-772-5243
Contact Fax:		Not reported
Contact Email:		CNAVARRO.JNGREASE@GMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		25685 SHERMAN RD
Mailing City,State,Zip:		MENIFEE, CA 92585
Owner Name:	J.N GREASE	
Owner Type:		Other
Operator Name:	JOSE NAVARRO	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

J.N GREASE (Continued) **1025845274**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: JOSE NAVARRO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	25685 SHERMAN RD
Owner/Operator City,State,Zip:	MENIFEE, CA 92585
Owner/Operator Telephone:	909-772-5243
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: J.N GREASE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	25685 SHERMAN RD

J.N GREASE (Continued) **1025845274**

Owner/Operator City,State,Zip: MENIFEE, CA 92585
Owner/Operator Telephone: 909-772-5243
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190719
Handler Name: J.N GREASE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E15 **JN GREASE SERVICE** **CERS HAZ WASTE** **S123516178**
NNE **25685 SHERMAN** **CERS** **N/A**
1/8-1/4 **ROMOLAND, CA 92585**
0.162 mi.
854 ft. **Site 2 of 2 in cluster E**

Relative: Higher
Actual: 1433 ft.

CERS HAZ WASTE:
Name: JN GREASE SERVICE
Address: 25685 SHERMAN
City,State,Zip: ROMOLAND, CA 92585
Site ID: 40081
CERS ID: 10328722
CERS Description: Hazardous Waste Generator

CERS:
Name: JN GREASE SERVICE
Address: 25685 SHERMAN
City,State,Zip: ROMOLAND, CA 92585
Site ID: 40081
CERS ID: 10328722
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 40081
Site Name: JN Grease Service

JN GREASE SERVICE (Continued) **S123516178**

Violation Date:	12-03-2014
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a site map with all required content.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	10-10-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 04/07/2020.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 04/07/2020. OBSERVATION: Facility personnel were unable to access/locate a current copy of the business plan during the inspection. CORRECTIVE ACTION: Owner/operator shall ensure a current copy of the hazardous materials business plan is readily available on site at all times when the facility is staffed.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
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 05/15/2020. OBSERVATION: The lack of proper labels on waste containers and the waste oil that has accumulated on and around the waste oil tanks indicates that weekly inspections of hazardous waste storage areas are not being performed. CORRECTIVE ACTION: Owner/operator shall conduct weekly inspections of all hazardous waste storage areas.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

JN GREASE SERVICE (Continued) **S123516178**

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 05/15/2020. OBSERVATION: The facility is not being maintained to minimize the possibility of a release. The enclosure where the waste oil tanks are stored has oil staining all around and in it, the secondary containment areas under the tanks are almost completely full of liquid that appears to be waste oil, and there is a plastic container in the area that contains some waste oil and is stored without a lid on it. CORRECTIVE ACTION: Owner/operator shall [[[fix leak, clean stains, etc.]]], and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation (photos) explaining how this waste was managed to this department.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 05-29-2019
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Returned to compliance on 04/07/2020. OBSERVATION: Facility personnel were unable to access/locate a current copy of the business plan during the inspection. Also, because there has not been an accepted business plan submitted into the statewide reporting system (CERS), it is not possible for the facility to have a current, accepted business plan present onsite. CORRECTIVE ACTION: Owner/operator shall ensure a current copy of the hazardous materials business plan is readily available on site at all times when the facility is staffed.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 05-29-2019
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 04/07/2020. OBSERVATION: The annual business plan certification submitted in the statewide information management system was rejected. No resubmission was observed. A notice was previously mailed from RivCo DEH requiring submission of a business

JN GREASE SERVICE (Continued) **S123516178**

plan. CORRECTIVE ACTION: Owner/Operator shall submit an updated business plan in the statewide information management system at http://cers.calepa.ca.gov in accordance with the letter(s) previously sent to this facility. The compliance deadline for this violation will be pursuant to the date specified in the letter mailed to you by this Department, rather than 30 days from the date of this report. Business plans shall be reviewed and certified on at least an annual basis.

Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 03-29-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/28/2020. OBSERVATION: No training records observed/provided during inspection. The facility employee who assisted with the inspection stated that the employee who was responsible for handling paperwork recently left the facility, and they are uncertain where all of the paperwork, including training records, are located at the time of today's inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. Training shall cover all topics listed on the form provided during today's inspection.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
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 05/15/2020. OBSERVATION: There is a plastic container in the waste oil storage area that is stored without a lid. Also, the drums that were observed during the previous inspections that appeared to contain waste oil were no longer present, but there is no documentation to indicate where these drums went or to demonstrate proper disposal of their contents. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

JN GREASE SERVICE (Continued) **S123516178**

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Returned to compliance on 04/07/2020. OBSERVATION: The facility does not have a complete, accepted hazardous materials business plan (HMBP) that is readily available to facility personnel. CORRECTIVE ACTION: Owner/operator shall ensure a current copy of the hazardous materials business plan is readily available on site at all times when the facility is staffed.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 12-03-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 08/20/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
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 05/15/2020. OBSERVATION: The empty or partially empty containers that were observed during previous inspections have been removed from the standing water at the back of

JN GREASE SERVICE (Continued) **S123516178**

the facility; however, there are still multiple drums that are rusted, dented, and in poor condition but have not been managed properly by scrapping them. CORRECTIVE ACTION: Owner/operator shall properly label all empty containers larger than 5 gallons with the dates they were emptied. Drums that are unfit for use because they are in poor condition must be removed from the site.

Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 03-29-2019
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 05/15/2020. OBSERVATION: There are approximately 50-100 55 gallon drums throughout the property that are empty and have not been managed appropriately. The facility employee that assisted with the inspection stated that the drums were left by the previous owner of the land, and it is unknown what these drums once contained. Many of the drums are in poor condition and would not be suitable for use as waste or materials containers. The largest accumulation of these drums is in the back corner of the property, in the area where water has accumulated onsite from recent heavy rains. CORRECTIVE ACTION: Owner/operator shall properly label all empty containers larger than 5 gallons with the dates they were emptied. All containers that are not usable for waste containers must be removed from the property, and documentation of the disposal of these drums will be required to verify that they have been disposed of properly.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 12-03-2014
Citation: 40 CFR 1 265.201(f) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(f)
Violation Description: Failure to remove all hazardous waste from tanks, discharge control

JN GREASE SERVICE (Continued) **S123516178**

	equipment, and discharge confinement structures upon closure.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	01-26-2022
Citation:	Un-Specified
Violation Description:	Business Plan Program - Administration/Documentation - General Local Ordinance
Violation Notes:	Returned to compliance on 02/24/2022. OBSERVATION: The facility does not have an emergency contact posting that contains all information that is required by Riverside County Ordinance. CORRECTIVE ACTION: Owner/operator shall post emergency contact information in a conspicuous location and shall include but not be limited to all of the following: 911; local appropriate hospital name and phone number; primary facility emergency contact person s name and phone number; Riverside County Environmental Health Hazardous Materials Program name and phone number; California Office of Emergency Services name and phone number; National Response Center name and phone number; Poison Control Center name and phone number; and if applicable the name and phone number of a licensed hazardous materials cleanup contractor and location of fire extinguishers, spill control materials, and fire alarm. *Complete and post the template that was provided at the time of inspection or one containing equivalent information.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	05-29-2019
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 05/15/2020. OBSERVATION: There are multiple unlabeled drums, areas where spills have occurred and have not been properly addressed, drums which are stored without lids or caps, and overall housekeeping issues that indicate the lack of weekly inspections of hazardous waste storage areas. CORRECTIVE ACTION: Owner/operator shall conduct weekly inspections of all hazardous waste

JN GREASE SERVICE (Continued) **S123516178**

storage areas and ensure that any issues observed during the weekly inspections are addressed promptly and according to applicable hazardous waste laws and regulations.

Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 05-29-2019
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 05/15/2020. OBSERVATION: There are multiple unlabeled drums in the back of the facility that contain what appears to be waste oil, as well as some drums that contain unknown liquids. CORRECTIVE ACTION: Owner/operator shall determine the contents of the drums and label each hazardous waste container with all the required information. Label shall include at least: the words ""hazardous waste"", generator name and address, accumulation start date, composition and physical state of waste, and hazardous property statement.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 05-29-2019
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 05/15/2020. OBSERVATION: The area at the back of the property contains several dozen drums that are empty and unusable or unsuitable for use because they are no longer structurally sound. CORRECTIVE ACTION: Owner/operator shall properly label all

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empty containers larger than 5 gallons with the dates they were emptied and shall remove all containers that cannot be used because of their deteriorated condition.

Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 05-29-2019
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 05/15/2020. OBSERVATION: There are open containers at the back of the facility that contain either waste oil or unknown liquids, as well as some 5 gallon buckets without lids in the shed where the waste tanks are located. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 03-29-2019
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 04/07/2020. OBSERVATION: During the facility walk-through, it was observed that the facility has some materials onsite that are not present in the chemical inventory. There were two blue, metal, 55 gallon drums of Isopropanol, two blue, poly, drums of an unknown material, and one black, poly, drum of an unknown material observed near the waste oil storage area observed. CORRECTIVE ACTION: Owner/operator shall complete a chemical inventory page for all reportable hazardous materials on site and submit to the statewide information management system at http://cers.calepa.ca.gov. Identify the contents of these drums and either add them to your chemical inventory, or contact a hazardous waste hauler to remove them from the site as hazardous waste if they are not products that are usable by your facility for their intended purpose. *A waste manifest will need to be provided for review if these drums are shipped offsite as a hazardous waste.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service

JN GREASE SERVICE (Continued) **S123516178**

Violation Date:	01-26-2022
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 02/24/2022. OBSERVATION: Facility personnel were unable to access/locate a current copy of the business plan during the inspection. CORRECTIVE ACTION: Owner/operator shall ensure a current copy of the hazardous materials business plan is readily available on site at all times when the facility is staffed.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	05-29-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 05/28/2020. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees on an annual basis. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. Employee training must cover all topics listed on the handout provided during the inspection performed on 03/29/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 05/29/2019. OBSERVATION: Cylinders of oxygen and acetylene were observed to be stored next to one another, without adequate distance between them to prevent a chemical reaction in the event of a fire. CORRECTIVE ACTION: Owner/operator shall store all incompatible materials separately to prevent accidental mixing. *An employee moved one of the oxygen cylinders back to the oxygen storage area, but another cylinder had not yet been removed by the end of the facility walk-through.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter

JN GREASE SERVICE (Continued) **S123516178**

	1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: There is waste oil pooled on top of the waste oil tanks and on the ground underneath them. CORRECTIVE ACTION: Owner/operator shall clean up the waste oil on and around the waste oil tanks, and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation (photos) explaining how this waste was managed to this department.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	01-22-2020
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 01/05/2021. OBSERVATION: Employee training regarding hazardous waste has not been provided or was not effective. The condition of the waste storage area indicates that employees are not properly trained to address spills, overfills, etc. CORRECTIVE ACTION: Owner/operator shall provide employees with initial or refresher hazardous waste training as required. Submit a copy of the roster and the syllabus to this Department. Because this violation has not been issued at previous inspections, the return-to-compliance time of 30 days shall apply to this violation only.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	05-29-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 05/28/2020. OBSERVATION: The storage cage where propane cylinders are stored is missing a label of "propane" to indicate the contents of the cage. CORRECTIVE ACTION: Owner/operator shall obtain a label for the propane storage cage that states "Propane" and apply the label to the cage. Ensure that all hazardous materials storage areas are properly labeled and identified at all times.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service

JN GREASE SERVICE (Continued) **S123516178**

Violation Date:	01-26-2022
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 02/24/2022. OBSERVATION: Documentation of employee training on hazardous materials requirements was not available for review at the time of inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. *Send training records to kgill@rivco.org to correct this violation.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
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 04/07/2020. OBSERVATION: The annual business plan certification submitted in the statewide information management system was rejected. No resubmission was observed. A notice was previously mailed from RivCo DEH requiring submission of a business plan. CORRECTIVE ACTION: Owner/Operator shall submit an updated business plan in the statewide information management system at http://cers.calepa.ca.gov in accordance with the letter(s) previously sent to this facility. The compliance deadline for this violation will be pursuant to the date specified in the letter mailed to you by this Department, rather than 30 days from the date of this report. Business plans shall be reviewed and certified on at least an annual basis.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	01-22-2020
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 05/28/2020. OBSERVATION: Documentation of employee training related to the HMBP and procedures for safe handling of onsite hazardous materials was not available for review during the inspection. Also, any training that has previously been provided is insufficient because it is lacking all topics related to the HMBP. CORRECTIVE ACTION: Owner/operator shall provide training to all employees on an annual basis. Documentation shall be retained and be

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made available for inspection for a minimum period of 3 years from the date of the training. Training shall cover all topics listed on the form that was provided during previous inspections.

Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
Citation: 40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description: Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes: Returned to compliance on 05/15/2020. OBSERVATION: The facility has completed a CERS Consolidated Emergency Response/Contingency Plan, but has not posted it by a phone as required. CORRECTIVE ACTION: Owner/operator shall post required emergency response procedures and contacts near the phone.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 12-03-2014
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 08/20/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 03-29-2019
Citation: HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description: Failure of a generator of hazardous waste that meets the conditions to be transported on a consolidated manifest to comply with one or more of the required consolidated manifesting procedures and retain copies of receipts for three years.
Violation Notes: Returned to compliance on 05/29/2019. OBSERVATION: The facility is generating non-RCRA hazardous wastes (waste oil and oil filters), and does not have consolidated manifests available for review at the time of inspection. CORRECTIVE ACTION: Owner/operator shall obtain previous records of waste disposal. Owner/operator shall maintain records of hazardous waste transport and disposal on site for at least 3 years.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

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Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-26-2022
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/04/2022. OBSERVATION: The chemical inventory in the most recently submitted hazardous materials business plan (HMBP) does not have an inventory page for the 1,000 gallon AST of diesel that is present onsite. CORRECTIVE ACTION: Owner/operator shall complete a chemical inventory page for all reportable hazardous materials on site and submit to the statewide information management system (e.g. CERS) at http://cers.calepa.ca.gov. Add a chemical inventory sheet for diesel to your HMBP and resubmit.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 12-03-2014
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 conduct daily tank inspection of the discharge systems, monitoring equipment, and tank levels.
Violation Notes: Returned to compliance on 08/20/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes: Returned to compliance on 04/07/2020. OBSERVATION: The annual business plan certification submitted in the statewide information management system was rejected. No resubmission was observed. A notice was previously mailed from RivCo DEH requiring submission of a business plan. CORRECTIVE ACTION: Owner/Operator shall submit an updated business plan in the statewide information management system (e.g. CERS) at http://cers.calepa.ca.gov in accordance with the letter(s) previously sent to this facility. The compliance deadline for this violation will be pursuant to the date specified in the letter mailed to you by this Department, rather than 30 days from the date of this report. Business plans shall be reviewed and certified on at least an annual basis.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 40081

JN GREASE SERVICE (Continued) **S123516178**

Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The facility does not have a copy of the Emergency Response / Contingency Plan posted by a facility phone. CORRECTIVE ACTION: Owner/operator shall post required information next to the phone. Print out a copy of the Emergency Response / Contingency Plan that was entered into CERS and post it near a facility phone.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	11-27-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 04/07/2020.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	05-29-2019
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 04/07/2020. OBSERVATION: During the facility walk-through, it was observed that the facility has some materials onsite that are not present in the chemical inventory. There were two blue, metal, 55 gallon drums of Isopropanol, two blue, poly, drums of an unknown material, and one black, poly, drum of an unknown material observed near the waste oil storage area observed. CORRECTIVE ACTION: Owner/operator shall complete a chemical inventory page for all reportable hazardous materials on site and submit to the statewide information management system at http://cers.calepa.ca.gov. Identify the contents of these drums and either add them to your chemical inventory, or contact a hazardous waste hauler to remove them from the site as hazardous waste if they are not products that are usable by your facility for their intended purpose. *A waste manifest will need to be provided for review if these drums are shipped off-site as a hazardous waste.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP

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Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	07-05-2017
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 04/07/2020.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
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 08/20/2015. [LOCAL ORDINANCE VIOLATION 101C] Approved HMBP accessible on site and available for review.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 05/28/2020. OBSERVATION: The propane storage cage is lacking the label of "Propane" on it to indicate that the containers stored inside the cage contain propane. CORRECTIVE ACTION: Owner/operator shall properly identify all hazardous materials storage areas appropriately. Add a label that says "Propane" on the storage cage where propane cylinders are stored.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
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 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service

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Violation Date:	05-29-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The facility is not being maintained to minimize the possibility of a release. The area where the waste oil tanks are located had oil pooled on the floor of the containment shed as well as on the ground. There are 5 gallon buckets of waste oil and an unknown sludge-like substance in that area that are stored without lids, and there are also multiple drums in the back of the facility that contain what appears to be waste oil and have no lids on the drums. CORRECTIVE ACTION: Owner/operator shall maintain all containers of hazardous waste closed at all times except when adding or removing waste. All spills of hazardous waste must be properly cleaned up, and the absorbent materials used to clean up spills must be placed into containers that are closed, properly labeled, and removed from the site as hazardous waste. Secondary containment pallets underneath drums and waste tanks shall be maintained clean and free of liquid and debris so that they are capable of [Truncated]
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	05-29-2019
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 05/29/2019. OBSERVATION: The facility had cylinders of oxygen and acetylene stored directly next to each other. CORRECTIVE ACTION: Owner/operator shall store all incompatible materials separately to prevent accidental mixing. Maintain a separate storage area for oxygen and acetylene and ensure that these two materials are never stored in the same area with no distance between the two materials. *Facility personnel moved the oxygen cylinder to its appropriate storage area at the time of the inspection, so this violation was corrected at the time of re-inspection.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	05-29-2019
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)
Violation Description:	Failure to post the following information next to the telephone: (A) The name and telephone number of the emergency coordinator; (B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and (C) The telephone number of the fire department, unless the facility has a direct alarm.

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Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: The facility does not have a Contingency Plan with emergency contacts and procedures posted by a phone. A CERS Consolidated Emergency Response/Contingency Plan Template has been completed by the facility, but it is not yet posted by the phone. CORRECTIVE ACTION: Owner/operator shall post required emergency response procedures and contacts near the phone. Maintain this posting near a facility phone at all times.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
Citation:	HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Description:	Failure to electronically update the business plan within 30 days of a substantial change.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tanks.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 05/29/2019. OBSERVATION: No manifests available during inspection. CORRECTIVE ACTION: Owner/operator shall obtain all manifests for hazardous waste shipments which occurred in the past 3 years. Manifests shall be made available for inspection.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	01-22-2020
Citation:	Un-Specified

JN GREASE SERVICE (Continued) **S123516178**

Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 05/28/2020. OBSERVATION: The cage storing propane cylinders requires a label of "Propane" to indicate what is stored inside the cage. CORRECTIVE ACTION: Owner/operator shall post a label on the propane storage cage to indicate the contents of the cage.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	01-22-2020
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 05/15/2020. OBSERVATION: The condition of the waste oil storage area indicates that weekly inspections are not occurring. CORRECTIVE ACTION: Owner/operator shall conduct weekly inspections of all hazardous waste storage areas.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
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 05/15/2020. OBSERVATION: Labels on the waste oil tanks and on containers of waste oil filters were not completed. The waste oil tanks were missing accumulation start dates, and the drums of oil filters were underneath other items and it could not be determined if these drums contain waste labels. CORRECTIVE ACTION: Owner/operator shall label hazardous waste containers with all the required information. Label shall include at least: the words ""hazardous waste"", generator name and address, accumulation start

JN GREASE SERVICE (Continued) **S123516178**

	date, composition and physical state of waste, and hazardous property statement. Submit photos to this department, if applicable.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	03-29-2019
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 05/15/2020. OBSERVATION: There is a blue, plastic container of waste oil sitting on top of one of the tanks of waste oil. The container is open and has no lid. CORRECTIVE ACTION: Owner/operator shall maintain all hazardous waste containers closed when not adding/removing hazardous waste. The contents of the blue container of waste oil must be emptied into one of the onsite waste tanks. If the tanks are too full to accommodate the contents of the blue container, you must contact your waste hauler and have a pick-up of waste oil.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	01-11-2019
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 04/07/2020.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	40081
Site Name:	JN Grease Service
Violation Date:	12-03-2014
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
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.
Violation Notes:	Returned to compliance on 08/20/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP

JN GREASE SERVICE (Continued) **S123516178**

Violation Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Violation Date: 01-22-2020
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 04/07/2020. OBSERVATION: The chemical inventory in the most recently submitted HMBP did not contain all materials that were observed onsite. Materials that were described in the previous inspection report (05/29/2019) must be added to the chemical inventory. CORRECTIVE ACTION: Owner/operator shall complete a chemical inventory page for all reportable hazardous materials on site and submit to the statewide information management system (e.g. CERS) at http://cers.calepa.ca.gov. Review the comments provided in CERS as well as the previous inspection reports and make additions and corrections to the chemical inventory as necessary.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility manufacturers biodiesel from food waste. Hazardous materials onsite include propane, oxygen, acetylene, motor oil, potassium hydroxide, and diesel in an aboveground storage tank (AST).
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-05-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-22-2020
Violations Found: Yes

JN GREASE SERVICE (Continued) **S123516178**

Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following re-inspection on 05/29/2019 and routine inspection on 03/29/2019. All violations that are listed as "Class I" in this report will require an enforcement action to be taken. Paperwork regarding the required Show Cause meeting will be sent to you via certified mail.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Facility manufactures biodiesel from food waste. Hazardous wastes generated onsite consist of waste oil and filters from servicing vehicles.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility recycles grease / waste cooking oil, and other inedible food items. Hazardous wastes observed to be onsite include waste oil, waste oil filters, and lead-acid batteries. The facility was unable to provide copies of waste manifests to be reviewed during the inspection, so items related to manifests, registered hauler, and disposal facility are marked as "N/A" on this inspection report because they are unable to be determined at the time of inspection.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-29-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following inspection on 03/29/2019. *All violations shall be corrected within 30 days or enforcement will occur.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-10-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-27-2018

JN GREASE SERVICE (Continued) **S123516178**

Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-11-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-22-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following re-inspection on 05/29/2019 and routine inspection on 03/29/2019. All violations remain un-corrected. A Show Cause meeting will be scheduled.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-29-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility recycles grease / waste cooking oil, and other inedible food items, and also services vehicles onsite. Hazardous materials stored at the facility include compressed oxygen, acetylene, oil, & propane.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-29-2019
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following inspection on 03/29/2019. Notes: The facility provided 3 consolidated waste manifests at the time of re-inspection and indicated that these manifests cover all waste pick-ups that occurred between 3/29/2016 and the present date. There were no Uniform Manifests provided for paper oil filters generated onsite. These violations are cleared on this report because facility personnel indicate that no other waste pick-ups have occurred and that they cannot obtain any other manifests during the relevant time frame. The manifests provided are dated 01/10/2017, 06/08/2018, and 04/04/2019, which indicates that waste is being maintained onsite for longer than the allowable accumulation time. Ensure that waste is hauled off every 180 days, or at the very least one time per year. *All violations shall be corrected within 30 days or enforcement will occur.
Eval Division: Riverside County Department of Env Health
Eval Program: HW

JN GREASE SERVICE (Continued) **S123516178**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-03-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 40081
Site Name: JN Grease Service
Site Address: 25685 SHERMAN
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 01-11-2019
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Site Address: 25685 SHERMAN
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 02-04-2020
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $20,000.00.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Site Address: 25685 SHERMAN
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 02-04-2020
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Fines/Penalties Assessed: $20,000.00.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Site Address: 25685 SHERMAN
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 12-03-2014

JN GREASE SERVICE (Continued) **S123516178**

Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 40081
Site Name: JN Grease Service
Site Address: 25685 SHERMAN
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 12-03-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: JOSE NAVARRO
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: Christian Navarro
Entity Title: Not reported
Affiliation Address: 25685 Sherman Rd
Affiliation City: Menifee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92585
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 25685 Sherman Rd
Affiliation City: Menifee
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92585
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: JOSE NAVARRO
Entity Title: Not reported
Affiliation Address: 25685 Sherman Rd
Affiliation City: Menifee
Affiliation State: CA

JN GREASE SERVICE (Continued) **S123516178**

Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 343-1221,
Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055,
Affiliation Type Desc:	Identification Signer
Entity Name:	JOSE NAVARRO
Entity Title:	OWNER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	JOSE NAVARRO
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:	(909) 772-5243,
Affiliation Type Desc:	Parent Corporation
Entity Name:	JN Grease Service
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:	,

C16 **POWERSCREEN 2100** **US MINES** **1024906707**
SSE **26227 SHERMAN RD** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 3 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	POWERSCREEN 2100
Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

POWERSCREEN 2100 (Continued) **1024906707**

Violation Number:	9681063
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	5/4/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	5/4/2022
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	2/11/2020
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	9681064
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	5/4/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	5/4/2022
Title 30 Code of Federal Regulations:	56.4402
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996

POWERSCREEN 2100 (Continued) **1024906707**

Mine Status:	Active
Status Date:	2/11/2020
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	9681065
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	5/4/2022
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	5/4/2022
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	133.00
Assessment Amount:	133.00
Paid Penalty Amount:	133.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2022
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	2/11/2020
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	9506609
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	7/21/2021
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	7/21/2021
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	237.00
Assessment Amount:	237.00
Paid Penalty Amount:	237.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2021
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD

POWERSCREEN 2100 (Continued) **1024906707**

City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	2/11/2020
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	9506835
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	12/9/2021
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	12/9/2021
Title 30 Code of Federal Regulations:	56.20003(a)
Proposed Penalty:	125.00
Assessment Amount:	125.00
Paid Penalty Amount:	125.00
Assessment Case Status:	Not reported
Assessment Status:	Proposed
Year:	2021
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	2/11/2020
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	8995201
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	4/4/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/4/2017
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	116.00
Assessment Amount:	116.00

POWERSCREEN 2100 (Continued) **1024906707**

Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	6/7/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	8995203
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	4/5/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/6/2017
Title 30 Code of Federal Regulations:	56.9301
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	6/7/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	8995204
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	4/5/2017

POWERSCREEN 2100 (Continued) **1024906707**

Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/6/2017
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	6/7/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	8995205
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	4/5/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/6/2017
Title 30 Code of Federal Regulations:	47.41(a)
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	6/7/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface

POWERSCREEN 2100 (Continued) **1024906707**

State 2:	CA
County:	SAN BERNARDINO
Violation Number:	8995206
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	4/5/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/6/2017
Title 30 Code of Federal Regulations:	47.41(a)
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	6/7/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	8995207
Mine ID:	0405289
Contractor ID:	Not reported
Date Issued:	4/5/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	4/6/2017
Title 30 Code of Federal Regulations:	56.11002
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585

POWERSCREEN 2100 (Continued) **1024906707**

Mine Controller Name:	Mike J LaPaglia
Name:	POWERSCREEN 2100
Ownership Date:	7/1/1996
Mine Status:	Active
Status Date:	6/7/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Click this hyperlink while viewing on your computer to access
29 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

C17 **NORTH COUNTY SAND & GRAVEL** **CERS HAZ WASTE** **S112954606**
SSE **26227 SHERMAN RD** **CERS TANKS** **N/A**
1/8-1/4 **ROMOLAND, CA 92585** **CERS**
0.167 mi.
883 ft. **Site 4 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

CERS HAZ WASTE:

Name:	NORTH COUNTY SAND & GRAVEL
Address:	26227 SHERMAN RD
City,State,Zip:	ROMOLAND, CA 92585
Site ID:	52529
CERS ID:	10324150
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	NORTH COUNTY SAND & GRAVEL
Address:	26227 SHERMAN RD
City,State,Zip:	ROMOLAND, CA 92585
Site ID:	52529
CERS ID:	10324150
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	NORTH COUNTY SAND & GRAVEL
Address:	26227 SHERMAN RD
City,State,Zip:	ROMOLAND, CA 92585
Site ID:	52529
CERS ID:	10324150
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
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 09/02/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
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 employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/02/2015.

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	01-09-2020
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 03/05/2020. OBSERVATION: The compressed gases are not being stored in a manner to minimize the possibility of a release. There were two argon cylinders and one oxygen cylinder that were not chained or otherwise secured to prevent them from tipping over. CORRECTIVE ACTION: Owner/operator shall store all hazardous materials in a manner which will prevent unauthorized fire, explosion, or release. Ensure that all compressed gas cylinders are secured to preclude them from falling over and causing a release.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
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 employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 03/23/2016.

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to meet the conditions of a Tier I or Tier II Qualified Facility: A Tier II qualified facility is one that has had no single discharge exceeding 1,000 U.S. gallons or no two discharges each exceeding 42 U.S. gallons within any twelve month period in the three years prior to the SPCC Plan self-certification date, or since becoming subject to this part if the facility has been in operation for less than three years (other than discharges that are the result of natural disasters, acts of war, or terrorism), and has an aggregate aboveground oil storage capacity of 10,000 U.S. gallons or less. A Tier I qualified facility meets the qualification criteria of a Tier II qualified facility and has no individual aboveground oil storage container with a capacity greater than 5,000 U.S. gallons.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	01-09-2020
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 03/05/2020. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees on an annual basis. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. Training must cover all topics listed on the form provided during today's inspection.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
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 the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 03/23/2016.

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	01-09-2020
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 03/05/2020. OBSERVATION: The facility is not being maintained to minimize the possibility of a release. There were two secondary containment pallets near the waste oil and waste oil filters that contained liquid. Also, there was absorbent that had been applied to spills near the waste oil tank and near the tank of motor oil, but the absorbent had not been cleaned up and placed into a container to be disposed of as hazardous waste. CORRECTIVE ACTION: Owner/operator shall remove the liquid from the secondary containment pallets and clean up the spent absorbent near the waste oil and motor oil tanks. Each of these waste streams must be disposed of as hazardous waste.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Description:	Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Site Name: North County Sand & Gravel
Violation Date: 03-09-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 09-02-2015
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.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 09-02-2015
Citation: 40 CFR 1 265.201(b)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(b)(3)
Violation Description: Failure to maintain sufficient freeboard of 2 ft in uncovered tanks to prevent overtopping unless the tank is equipped with a containment structure, a drainage control system or a diversion structure with a capacity that equals or exceeds the volume of the top 2 ft of the tank.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 03-09-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to promptly correct the causes of leaks that result in accumulations of oil in diked areas.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 03-09-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Violation Description:	Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day).
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	40 CFR 1 265.201(f) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(f)
Violation Description:	Failure to remove all hazardous waste from tanks, discharge control equipment, and discharge confinement structures upon closure.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	40 CFR 1 265.201(c)(5) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(5)
Violation Description:	Failure to conduct weekly inspections of the construction materials, fixtures, and surrounding areas of the hazardous waste tanks.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 03/23/2016. Owner/operator failed to clearly identify emergency equipment storage locations. CORRECTIVE ACTION: Clearly identify the locations where emergency equipment is stored.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	08-29-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 04/19/2019.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 09-02-2015
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 conduct daily tank inspection of the discharge systems, monitoring equipment, and tank levels.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 09-02-2015
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Operations/Maintenance - General
Violation Notes: Returned to compliance on 03/23/2016. [LOCAL ORDINANCE VIOLATION 104D] Emergency equipment has been posted appropriately.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 03-09-2016
Citation: 40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.32
Violation Description: Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Violation Date: 03-09-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare and implement a Spill Prevention Control and Countermeasure (SPCC) Plan .
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: APSA

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
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 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	HSC 6.5 25186.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25186.2
Violation Description:	Failure to properly handle, store, or treat hazardous waste or provided false information submitted on the permit application and other documents.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to 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 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
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 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	03-09-2016
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 the air, soil, or surface water which could threaten human health or the environment..
Violation Notes:	Returned to compliance on 03/23/2016.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	01-09-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 01/09/2020. OBSERVATION: The most recent business plan submission in the statewide information management system (CERS) was missing argon and motor oil, and the container type for the waste oil needs to be updated to reflect that the waste oil is now stored in a tank rather than drums. CORRECTIVE ACTION: Owner/operator shall complete a chemical inventory page for all reportable hazardous materials on site and submit to the statewide information management system (e.g. CERS) at http://cers.calepa.ca.gov.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	52529
Site Name:	North County Sand & Gravel
Violation Date:	09-02-2015
Citation:	40 CFR 1 265.32 - U.S. Code of Federal Regulations, Title 40, Chapter

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

1, Section(s) 265.32
Violation Description: Failure of the facility to maintain the following emergency equipment or equivalents: 1) An internal communications or alarm system capable of providing immediate emergency instruction (voice or signal) to facility personnel; 2) A device, such as a telephone (immediately available at the scene of Operations/ Maintenance) or a hand-held two-way radio, capable of summoning emergency assistance from local police departments, fire departments, or State or local emergency response teams; 3) Portable fire extinguishers, fire control equipment (including special extinguishing equipment, such as that using foam, inert gas, or dry chemicals), spill control equipment, and decontamination equipment; and 4) Water at adequate volume and pressure to supply water hose streams, or foam producing equipment, or automatic sprinklers, or water spray systems.
Violation Notes: Returned to compliance on 03/23/2016.
Violation Division: Riverside County Department of Env Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-09-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RTC
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Eval Date: 07-30-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Paperwork for BEP update done onsite
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-29-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-05-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following inspection on 01/09/2020.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: RTC
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Report Delivery and explanation
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Eval Notes: Facility is a truck maintenance/storage yard for a sand and gravel supply company. Hazardous wastes generated onsite consist of waste oil, oil filters, and waste absorbent.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-05-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Re-inspection following routine inspection on 01/09/2020.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-09-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Report Delivery and explanation
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-09-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Facility is a trucking maintenance yard for a sand and gravel supply company. Hazardous materials stored onsite include diesel, compressed gases, and various types of oil.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-23-2016
Violations Found: No

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Eval Type: Other, not routine, done by local agency
Eval Notes: RTC
Eval Division: Riverside County Department of Env Health
Eval Program: APSA
Eval Source: CERS,

Enforcement Action:
Site ID: 52529
Site Name: North County Sand & Gravel
Site Address: 26227 SHERMAN RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 03-09-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: APSA
Enf Action Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Site Address: 26227 SHERMAN RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 03-09-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Site Address: 26227 SHERMAN RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 03-09-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Site Address: 26227 SHERMAN RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 09-02-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Enf Action Source: CERS,

Site ID: 52529
Site Name: North County Sand & Gravel
Site Address: 26227 SHERMAN RD
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 09-02-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Tracy F LaPaglia
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: North Cpunty Sand & Gravel. Com
Entity Title: Not reported
Affiliation Address: 26227 Sherman Rd
Affiliation City: Romoland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92585
Affiliation Phone: (951) 928-2881,

Affiliation Type Desc: Environmental Contact
Entity Name: Michael J LaPaglia, V
Entity Title: Not reported
Affiliation Address: 26227 Sherman Rd
Affiliation City: Romoland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92585
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 26227 Sherman Rd
Affiliation City: Romoland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92585
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner

NORTH COUNTY SAND & GRAVEL (Continued) **S112954606**

Entity Name:	North County Sand & Gravel
Entity Title:	Not reported
Affiliation Address:	26227 Sherman Rd
Affiliation City:	Romoland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 928-2881,
Affiliation Type Desc:	Operator
Entity Name:	North County Sand & Gravel, 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:	(951) 928-2881,
Affiliation Type Desc:	CUPA District
Entity Name:	Riverside Cnty Env Health
Entity Title:	Not reported
Affiliation Address:	4065 County Circle Drive, Room 104
Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055,
Affiliation Type Desc:	Identification Signer
Entity Name:	Tracy F LaPaglia
Entity Title:	CFO
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:	North County Sand & Gravel
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:	,

C18 **FAB-TECH 45** **US MINES** **1024906914**
SSE **26227 SHERMAN RD** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 5 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	FAB-TECH 45
Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	6440026
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	08/13/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	08/13/2008
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440041
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	09/05/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/05/2008
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008

FAB-TECH 45 (Continued) **1024906914**

Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	9375801
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	4/9/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/9/2018
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	118.00
Assessment Amount:	118.00
Paid Penalty Amount:	118.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	CLINTON KEITH ROCK CRUSHER
Ownership Date:	6/8/2005
Mine Status:	Abandoned
Status Date:	9/30/2018
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	9375802
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	4/9/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/11/2018

FAB-TECH 45 (Continued) **1024906914**

Title 30 Code of Federal Regulations:	56.14110
Proposed Penalty:	118.00
Assessment Amount:	118.00
Paid Penalty Amount:	118.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	CLINTON KEITH ROCK CRUSHER
Ownership Date:	6/8/2005
Mine Status:	Abandoned
Status Date:	9/30/2018
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	9375803
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	4/11/2018
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	4/11/2018
Title 30 Code of Federal Regulations:	56.14207
Proposed Penalty:	128.00
Assessment Amount:	128.00
Paid Penalty Amount:	128.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2018
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	CLINTON KEITH ROCK CRUSHER
Ownership Date:	6/8/2005
Mine Status:	Abandoned
Status Date:	9/30/2018
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	7992893

FAB-TECH 45 (Continued) **1024906914**

Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	10/11/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/11/2007
Title 30 Code of Federal Regulations:	56.1000
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	7992894
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	10/11/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/15/2007
Title 30 Code of Federal Regulations:	56.9300(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned

FAB-TECH 45 (Continued) **1024906914**

Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	7992895
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	10/11/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/15/2007
Title 30 Code of Federal Regulations:	56.14107(a)
Proposed Penalty:	807.00
Assessment Amount:	807.00
Paid Penalty Amount:	807.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	7992896
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	10/11/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/15/2007
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	243.00
Assessment Amount:	243.00
Paid Penalty Amount:	243.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE

FAB-TECH 45 (Continued) **1024906914**

State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	7992897
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	10/11/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/27/2007
Title 30 Code of Federal Regulations:	56.18010
Proposed Penalty:	162.00
Assessment Amount:	162.00
Paid Penalty Amount:	162.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	7992898
Mine ID:	0405645
Contractor ID:	Not reported
Date Issued:	10/11/2007
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/15/2007
Title 30 Code of Federal Regulations:	56.18002(b)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00

FAB-TECH 45 (Continued) **1024906914**

Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2007
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 45
Ownership Date:	06/08/2005
Mine Status:	Abandoned
Status Date:	12/07/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Click this hyperlink while viewing on your computer to access
19 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

C19 **FAB-TECH 18** **US MINES** **1024906819**
SSE **26227 SHERMAN RD** **ABANDONED MINES** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 6 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	FAB-TECH 18
Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	7980724
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/01/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/03/2009
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc

FAB-TECH 18 (Continued) **1024906819**

Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	7980725
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/01/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/01/2009
Title 30 Code of Federal Regulations:	41.12
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	7980726
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/02/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/17/2009
Title 30 Code of Federal Regulations:	56.18010
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed

FAB-TECH 18 (Continued) **1024906819**

Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6369883
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	03/08/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	03/09/2005
Title 30 Code of Federal Regulations:	56.14101(a)(2)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6369884
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	03/08/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N

FAB-TECH 18 (Continued) **1024906819**

Term Date:	03/09/2005
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6369885
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	03/08/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	03/09/2005
Title 30 Code of Federal Regulations:	56.14101(a)(2)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

FAB-TECH 18 (Continued) **1024906819**

Violation Number:	6440027
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	08/13/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	08/18/2008
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440040
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/05/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/05/2008
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002

FAB-TECH 18 (Continued) **1024906819**

Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	8689874
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/18/2013
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/19/2013
Title 30 Code of Federal Regulations:	56.14100(a)
Proposed Penalty:	162
Assessment Amount:	162
Paid Penalty Amount:	162
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2013
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	8689875
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/18/2013
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	09/18/2013
Title 30 Code of Federal Regulations:	56.14100(c)
Proposed Penalty:	807
Assessment Amount:	807
Paid Penalty Amount:	807
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2013
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD

FAB-TECH 18 (Continued) **1024906819**

City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	8689876
Mine ID:	0405518
Contractor ID:	Not reported
Date Issued:	09/18/2013
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	09/18/2013
Title 30 Code of Federal Regulations:	56.14100(c)
Proposed Penalty:	162
Assessment Amount:	162
Paid Penalty Amount:	162
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2013
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 18
Ownership Date:	04/10/2002
Mine Status:	Active
Status Date:	12/02/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Click this hyperlink while viewing on your computer to access
89 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID:	0405518
Mine Name:	FAB-TECH 18
Mine Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Primary SIC Code:	Construction Sand and Gravel
Mine Type:	Surface

FAB-TECH 18 (Continued) **1024906819**

Mine Status Description:	Abandoned
Mine Status Date:	1/4/2017
Coal (C) or Metal (M) Mine:	M
Controller ID:	M07059
Controller Name:	Mike J LaPaglia
Operator ID:	L08940
Operator name:	North County Sand & Gravel Inc
Address of Record Street:	26227 Sherman Rd
Address of Record PO Box:	Not reported
Address of Record City:	Menifee
Address of Record State:	CA
Address of Record Zip Code:	92585
Assessment Address Street:	26227 Sherman Road
Assessment Address PO Box:	Not reported
Assessment Address City:	MENIFEE
Assessment Address State:	CA
Assessment Address Zip Code:	92585
Mine Health and Safety Address Street:	26227 Sherman Rd
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Menifee
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	33.740556
Longitude:	-117.181667

C20 **FAB-TECH 09** **US MINES** **1024906893**
SSE **26227 SHERMAN RD** **ABANDONED MINES** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 7 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	FAB-TECH 09
Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	8607402
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	07/11/2011
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	07/11/2011
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	634.00
Assessment Amount:	634.00
Paid Penalty Amount:	634.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2011
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA

FAB-TECH 09 (Continued) **1024906893**

Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	8607403
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	07/11/2011
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	07/11/2011
Title 30 Code of Federal Regulations:	56.14112(b)
Proposed Penalty:	634.00
Assessment Amount:	634.00
Paid Penalty Amount:	634.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2011
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	7980686
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/22/2009
Title 30 Code of Federal Regulations:	56.1000
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed

FAB-TECH 09 (Continued) **1024906893**

Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	7980692
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	05/05/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/05/2009
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440056
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	10/15/2008
Action Type:	104(a)
Type of Issue:	Citation

FAB-TECH 09 (Continued) **1024906893**

S and S:	Y
Term Date:	10/15/2008
Title 30 Code of Federal Regulations:	56.9300(a)
Proposed Penalty:	243.00
Assessment Amount:	243.00
Paid Penalty Amount:	243.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440057
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	10/15/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/15/2008
Title 30 Code of Federal Regulations:	56.15001
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

FAB-TECH 09 (Continued) **1024906893**

Violation Number:	6440058
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	10/15/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/06/2008
Title 30 Code of Federal Regulations:	56.4201(a)(2)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440059
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	10/15/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/16/2008
Title 30 Code of Federal Regulations:	56.4200(b)(1)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004

FAB-TECH 09 (Continued) **1024906893**

Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6440060
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	10/15/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	10/16/2008
Title 30 Code of Federal Regulations:	56.14132(a)
Proposed Penalty:	108.00
Assessment Amount:	108.00
Paid Penalty Amount:	108.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6440061
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	10/15/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/03/2008
Title 30 Code of Federal Regulations:	56.18010
Proposed Penalty:	162.00
Assessment Amount:	162.00
Paid Penalty Amount:	162.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD

FAB-TECH 09 (Continued) **1024906893**

City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	07/18/2004
Mine Status:	Intermittent
Status Date:	04/13/2015
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	8994475
Mine ID:	0405609
Contractor ID:	Not reported
Date Issued:	4/3/2017
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	4/5/2017
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	116.00
Assessment Amount:	116.00
Paid Penalty Amount:	116.00
Assessment Case Status:	Closed
Assessment Status:	Proposed
Year:	2017
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 09
Ownership Date:	7/18/2004
Mine Status:	Active
Status Date:	1/4/2017
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Click this hyperlink while viewing on your computer to access
63 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID:	0405609
Mine Name:	FAB-TECH 09
Mine Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Primary SIC Code:	Construction Sand and Gravel
Mine Type:	Surface

FAB-TECH 09 (Continued) **1024906893**

Mine Status Description:	Abandoned
Mine Status Date:	12/31/2019
Coal (C) or Metal (M) Mine:	M
Controller ID:	M07059
Controller Name:	Mike J LaPaglia
Operator ID:	L08940
Operator name:	North County Sand & Gravel Inc
Address of Record Street:	26227 Sherman Rd
Address of Record PO Box:	Not reported
Address of Record City:	Menifee
Address of Record State:	CA
Address of Record Zip Code:	92585
Assessment Address Street:	26227 Sherman Road
Assessment Address PO Box:	Not reported
Assessment Address City:	MENIFEE
Assessment Address State:	CA
Assessment Address Zip Code:	92585
Mine Health and Safety Address Street:	26227 Sherman Rd
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Menifee
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	33.600556
Longitude:	-117.168611

C21 **FAB-TECH 49** **US MINES** **1024906841**
SSE **26227 SHERMAN RD** **ABANDONED MINES** **N/A**
1/8-1/4 **ROMOLAND, CA 92585**
0.167 mi.
883 ft. **Site 8 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	FAB-TECH 49
Address:	26227 SHERMAN RD
City,State,Zip:	ROMOLAND, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	6364726
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	12/08/2004
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	12/09/2004
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2004
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA

FAB-TECH 49 (Continued) **1024906841**

Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6364727
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	12/08/2004
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	12/09/2004
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2004
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6364728
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	12/08/2004
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	12/08/2004
Title 30 Code of Federal Regulations:	56.14112(a)(1)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed

FAB-TECH 49 (Continued) **1024906841**

Assessment Status:	Closed
Year:	2004
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440105
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	03/04/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	03/24/2008
Title 30 Code of Federal Regulations:	46.9(d)(1)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6440025
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	08/13/2008
Action Type:	104(a)
Type of Issue:	Citation

FAB-TECH 49 (Continued) **1024906841**

S and S:	N
Term Date:	08/13/2008
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6349101
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	04/02/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/03/2003
Title 30 Code of Federal Regulations:	56.9300(a)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

FAB-TECH 49 (Continued) **1024906841**

Violation Number:	6349102
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	04/02/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/03/2003
Title 30 Code of Federal Regulations:	46.9(b)(5)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6380021
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	05/02/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	06/20/2005
Title 30 Code of Federal Regulations:	56.14103(b)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003

FAB-TECH 49 (Continued) **1024906841**

Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6380022
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	05/02/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	Not reported
Title 30 Code of Federal Regulations:	56.14130(c)
Proposed Penalty:	Not reported
Assessment Amount:	Not reported
Paid Penalty Amount:	Not reported
Assessment Case Status:	Not reported
Assessment Status:	Not reported
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6380023
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	05/02/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/03/2005
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD

FAB-TECH 49 (Continued) **1024906841**

City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6380024
Mine ID:	0405549
Contractor ID:	Not reported
Date Issued:	05/02/2005
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/03/2005
Title 30 Code of Federal Regulations:	56.14101(a)(2)
Proposed Penalty:	60.00
Assessment Amount:	60.00
Paid Penalty Amount:	60.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2005
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	ROMOLAND
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 49
Ownership Date:	01/29/2003
Mine Status:	Abandoned
Status Date:	09/10/2009
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Click this hyperlink while viewing on your computer to access
20 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID:	0405549
Mine Name:	FAB-TECH 49
Mine Address:	26227 SHERMAN RD
City,State,Zip:	ROMOLAND, CA 92585
Primary SIC Code:	Construction Sand and Gravel
Mine Type:	Surface

FAB-TECH 49 (Continued) **1024906841**

Mine Status Description:	Abandoned
Mine Status Date:	9/10/2009
Coal (C) or Metal (M) Mine:	M
Controller ID:	M07059
Controller Name:	Mike J LaPaglia
Operator ID:	L08940
Operator name:	North County Sand & Gravel Inc
Address of Record Street:	26227 Sherman Rd
Address of Record PO Box:	Not reported
Address of Record City:	Romoland
Address of Record State:	CA
Address of Record Zip Code:	92585
Assessment Address Street:	26227 Sherman Road
Assessment Address PO Box:	Not reported
Assessment Address City:	ROMOLAND
Assessment Address State:	CA
Assessment Address Zip Code:	92585
Mine Health and Safety Address Street:	26227 Sherman Rd
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Romoland
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported

C22 **ROADRUNNER 32** **US MINES** **1024906907**
SSE **26227 SHERMAN RD** **ABANDONED MINES** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 9 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	ROADRUNNER 32
Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	7980680
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	107(a)
Type of Issue:	Order
S and S:	Not reported
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	Not reported
Proposed Penalty:	Not reported
Assessment Amount:	Not reported
Paid Penalty Amount:	Not reported
Assessment Case Status:	Not reported
Assessment Status:	Not reported
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA

ROADRUNNER 32 (Continued) **1024906907**

Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	7980681
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(d)(1)
Type of Issue:	Citation
S and S:	Y
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	56.15005
Proposed Penalty:	35,500.00
Assessment Amount:	3,500.00
Paid Penalty Amount:	3,500.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	7980682
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(d)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	56.15004
Proposed Penalty:	2,000.00
Assessment Amount:	2,000.00
Paid Penalty Amount:	2,000.00
Assessment Case Status:	Proposed

ROADRUNNER 32 (Continued) **1024906907**

Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	7980682-00014193A
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(d)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	56.15004
Proposed Penalty:	1,200.00
Assessment Amount:	1,200.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Proposed
Assessment Status:	Received
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	7980683
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(d)(1)
Type of Issue:	Order

ROADRUNNER 32 (Continued) **1024906907**

S and S:	Y
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	56.15002
Proposed Penalty:	2,000.00
Assessment Amount:	2,000.00
Paid Penalty Amount:	2,000.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	7980683-00014193A
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(d)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	56.15002
Proposed Penalty:	1,200.00
Assessment Amount:	1,200.00
Paid Penalty Amount:	0.00
Assessment Case Status:	Proposed
Assessment Status:	Received
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

ROADRUNNER 32 (Continued) **1024906907**

Violation Number:	7980684
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(d)(1)
Type of Issue:	Order
S and S:	Y
Term Date:	04/27/2009
Title 30 Code of Federal Regulations:	56.15003
Proposed Penalty:	2,000.00
Assessment Amount:	2,000.00
Paid Penalty Amount:	2,000.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	7980685
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	04/23/2009
Title 30 Code of Federal Regulations:	56.14107(a)
Proposed Penalty:	108.00
Assessment Amount:	108.00
Paid Penalty Amount:	108.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004

ROADRUNNER 32 (Continued) **1024906907**

Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	7980687
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/16/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/16/2009
Title 30 Code of Federal Regulations:	46.9(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO
Violation Number:	7980688
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	04/23/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/05/2009
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD

ROADRUNNER 32 (Continued) **1024906907**

City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Violation Number:	6440049
Mine ID:	0405632
Contractor ID:	Not reported
Date Issued:	10/02/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	10/02/2008
Title 30 Code of Federal Regulations:	56.1000
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	ROADRUNNER 32
Ownership Date:	04/19/2004
Mine Status:	Abandoned
Status Date:	03/11/2014
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	SAN BERNARDINO

Click this hyperlink while viewing on your computer to access
32 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID:	0405632
Mine Name:	ROADRUNNER 32
Mine Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Primary SIC Code:	Construction Sand and Gravel
Mine Type:	Surface

ROADRUNNER 32 (Continued) **1024906907**

Mine Status Description:	Abandoned
Mine Status Date:	10/30/2018
Coal (C) or Metal (M) Mine:	M
Controller ID:	M07059
Controller Name:	Mike J LaPaglia
Operator ID:	L08940
Operator name:	North County Sand & Gravel Inc
Address of Record Street:	26227 Sherman Rd
Address of Record PO Box:	Not reported
Address of Record City:	Menifee
Address of Record State:	CA
Address of Record Zip Code:	92585
Assessment Address Street:	26227 Sherman Road
Assessment Address PO Box:	Not reported
Assessment Address City:	MENIFEE
Assessment Address State:	CA
Assessment Address Zip Code:	92585
Mine Health and Safety Address Street:	26227 Sherman Rd
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Menifee
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	33.740556
Longitude:	-117.181667

C23 **FAB-TECH 17** **US MINES** **1024906818**
SSE **26227 SHERMAN RD** **ABANDONED MINES** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 10 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

MINES VIOLATIONS:

Name:	FAB-TECH 17
Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Facility ID:	Not reported

MINES VIOLATIONS:

Violation Number:	7980691
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	05/04/2009
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	05/05/2009
Title 30 Code of Federal Regulations:	50.30(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2009
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA

FAB-TECH 17 (Continued) **1024906818**

Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6349289
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	02/19/2003
Title 30 Code of Federal Regulations:	56.9300(b)
Proposed Penalty:	66
Assessment Amount:	66
Paid Penalty Amount:	66
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6349290
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	02/19/2003
Title 30 Code of Federal Regulations:	56.14101(a)(2)
Proposed Penalty:	113
Assessment Amount:	113
Paid Penalty Amount:	113
Assessment Case Status:	Proposed

FAB-TECH 17 (Continued) **1024906818**

Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6349291
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/01/2003
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6349292
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	104(a)
Type of Issue:	Citation

FAB-TECH 17 (Continued) **1024906818**

S and S:	N
Term Date:	04/01/2003
Title 30 Code of Federal Regulations:	56.14100(b)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6349293
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	Y
Term Date:	04/01/2003
Title 30 Code of Federal Regulations:	56.14131(b)
Proposed Penalty:	113
Assessment Amount:	113
Paid Penalty Amount:	113
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

FAB-TECH 17 (Continued) **1024906818**

Violation Number:	6349294
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	107(a)
Type of Issue:	Order
S and S:	Y
Term Date:	02/19/2003
Title 30 Code of Federal Regulations:	56.14211(b)
Proposed Penalty:	264
Assessment Amount:	264
Paid Penalty Amount:	264
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Violation Number:	6349295
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	02/19/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	Not reported
Title 30 Code of Federal Regulations:	56.12028
Proposed Penalty:	109
Assessment Amount:	109
Paid Penalty Amount:	109
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002

FAB-TECH 17 (Continued) **1024906818**

Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6349362
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	04/01/2003
Action Type:	104(b)
Type of Issue:	Order
S and S:	Not reported
Term Date:	04/03/2003
Title 30 Code of Federal Regulations:	56.12028
Proposed Penalty:	Not reported
Assessment Amount:	Not reported
Paid Penalty Amount:	Not reported
Assessment Case Status:	Not reported
Assessment Status:	Not reported
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6349363
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	04/01/2003
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	04/03/2003
Title 30 Code of Federal Regulations:	46.9(b)(5)
Proposed Penalty:	55
Assessment Amount:	55
Paid Penalty Amount:	55
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2003
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD

FAB-TECH 17 (Continued) **1024906818**

City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE
Violation Number:	6440074
Mine ID:	0405517
Contractor ID:	Not reported
Date Issued:	11/03/2008
Action Type:	104(a)
Type of Issue:	Citation
S and S:	N
Term Date:	11/04/2008
Title 30 Code of Federal Regulations:	56.14107(a)
Proposed Penalty:	100.00
Assessment Amount:	100.00
Paid Penalty Amount:	100.00
Assessment Case Status:	Proposed
Assessment Status:	Closed
Year:	2008
Address Type:	MineLocation
PO Box:	Not reported
Address:	26227 SHERMAN RD
City:	MENIFEE
State:	CA
Operator:	North County Sand & Gravel Inc
Zip:	92585
Mine Controller Name:	Mike J LaPaglia
Name:	FAB-TECH 17
Ownership Date:	01/15/2002
Mine Status:	Abandoned
Status Date:	07/02/2012
Primary Site Description:	Construction Sand and Gravel
Mine Type:	Surface
State 2:	CA
County:	RIVERSIDE

Click this hyperlink while viewing on your computer to access
40 additional US_MINES_VIOLATIONS: record(s) in the EDR Site Report.

ABANDONED MINES:

Mine ID:	0405517
Mine Name:	FAB-TECH 17
Mine Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Primary SIC Code:	Construction Sand and Gravel
Mine Type:	Surface

FAB-TECH 17 (Continued) **1024906818**

Mine Status Description:	Abandoned
Mine Status Date:	7/2/2012
Coal (C) or Metal (M) Mine:	M
Controller ID:	M07059
Controller Name:	Mike J LaPaglia
Operator ID:	L08940
Operator name:	North County Sand & Gravel Inc
Address of Record Street:	26227 Sherman Rd
Address of Record PO Box:	Not reported
Address of Record City:	Menifee
Address of Record State:	CA
Address of Record Zip Code:	92585
Assessment Address Street:	26227 Sherman Road
Assessment Address PO Box:	Not reported
Assessment Address City:	MENIFEE
Assessment Address State:	CA
Assessment Address Zip Code:	92585
Mine Health and Safety Address Street:	26227 Sherman Rd
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Menifee
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	33.740555
Longitude:	-117.181666

C24 **NORTH COUNTY SAND & GRAVEL INC** **RCRA NonGen / NLR** **1025867550**
SSE **26227 SHERMAN RD** **CAL000320058**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 11 of 12 in cluster C**

Relative: **Higher**
Actual: **1432 ft.**

RCRA Listings:

Date Form Received by Agency:		20070525
Handler Name:	NORTH COUNTY SAND & GRAVEL INC	
Handler Address:		26227 SHERMAN RD
Handler City,State,Zip:		MENIFEE, CA 92585-9223
EPA ID:		CAL000320058
Contact Name:		MICHAEL LAPAGLIA IV
Contact Address:		26227 SHERMAN RD
Contact City,State,Zip:		MENIFEE, CA 92585-9223
Contact Telephone:		951-453-1370
Contact Fax:		951-928-2885
Contact Email:		MICHAEL@NORTHCOUNTYSANDANDGRAVEL.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:		26227 SHERMAN RD
Mailing City,State,Zip:		MENIFEE, CA 92585-9223
Owner Name:	NORTH COUNTY SAND & GRAVEL INC	
Owner Type:		Other
Operator Name:	MICHAEL LAPAGLIA IV	

NORTH COUNTY SAND & GRAVEL INC (Continued) **1025867550**

Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20190729
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

NORTH COUNTY SAND & GRAVEL INC (Continued) **1025867550**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NORTH COUNTY SAND & GRAVEL INC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 26227 SHERMAN RD
Owner/Operator City,State,Zip: MENIFEE, CA 92585-9223
Owner/Operator Telephone: 951-928-2881
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MICHAEL LAPAGLIA IV
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 26227 SHERMAN RD
Owner/Operator City,State,Zip: MENIFEE, CA 92585-9223
Owner/Operator Telephone: 951-453-1370
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20070525
Handler Name: NORTH COUNTY SAND & GRAVEL INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44419
NAICS Description: OTHER BUILDING MATERIAL DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C25 **CLINTON KEITH ROCK CRUSHER** **ABANDONED MINES** **1024897465**
SSE **26227 SHERMAN RD** **N/A**
1/8-1/4 **MENIFEE, CA 92585**
0.167 mi.
883 ft. **Site 12 of 12 in cluster C**

Relative:
Higher

Actual:
1432 ft.

ABANDONED MINES:

Mine ID:	0405645
Mine Name:	CLINTON KEITH ROCK CRUSHER
Mine Address:	26227 SHERMAN RD
City,State,Zip:	MENIFEE, CA 92585
Primary SIC Code:	Construction Sand and Gravel
Mine Type:	Surface
Mine Status Description:	Abandoned
Mine Status Date:	9/30/2018
Coal (C) or Metal (M) Mine:	M
Controller ID:	M07059
Controller Name:	Mike J LaPaglia
Operator ID:	L08940
Operator name:	North County Sand & Gravel Inc
Address of Record Street:	26227 Sherman Rd
Address of Record PO Box:	Not reported
Address of Record City:	Menifee
Address of Record State:	CA
Address of Record Zip Code:	92585
Assessment Address Street:	26227 Sherman Road
Assessment Address PO Box:	Not reported
Assessment Address City:	MENIFEE
Assessment Address State:	CA
Assessment Address Zip Code:	92585
Mine Health and Safety Address Street:	26227 Sherman Rd
Mine Health and Safety Address PO Box:	Not reported
Mine Health and Safety Address City:	Menifee
Mine Health and Safety Address State:	CA
Mine Health and Safety Address Zip Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported

F26 **NORTH COUNTY SAND & GRAVEL INC** **US MINES** **1016469094**
SSE **N/A**
1/8-1/4 **SAN BERNARDINO (County), CA**
0.170 mi.
896 ft. **Site 1 of 4 in cluster F**

Relative:
Higher

Actual:
1432 ft.

US MINES:

Sic Code(s):	144200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	0405632
Entity Name:	ROADRUNNER 32
Company:	NORTH COUNTY SAND & GRAVEL INC
Status:	Permanently Abandoned
Status Date:	20181030
Operation Class:	2
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	33

NORTH COUNTY SAND & GRAVEL INC (Continued) **1016469094**

Longitude Degree:	117
Latitude Minute:	44
Latitude Seconds:	26
Longitude Minutes:	10
Longitude Seconds:	54
Number of Pits:	000

F27 **NORTH COUNTY SAND & GRAVEL INC** **US MINES** **1016469062**
SSE **N/A**
1/8-1/4 **RIVERSIDE (County), CA**
0.170 mi.
896 ft. **Site 2 of 4 in cluster F**

Relative: US MINES:
Higher

Actual: Sic Code(s):	144200
1432 ft. Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	0405518
Entity Name:	FAB-TECH 18
Company:	NORTH COUNTY SAND & GRAVEL INC
Status:	Permanently Abandoned
Status Date:	20170104
Operation Class:	2
Number of Shops:	0
Number of Plants:	0
Latitude Degree:	33
Longitude Degree:	117
Latitude Minute:	44
Latitude Seconds:	26
Longitude Minutes:	10
Longitude Seconds:	54
Number of Pits:	000

F28 **NORTH COUNTY SAND & GRAVEL INC** **US MINES** **1011130475**
SSE **N/A**
1/8-1/4 **SAN BERNARDINO (County), CA**
0.170 mi.
897 ft. **Site 3 of 4 in cluster F**

Relative: US MINES:
Higher

Actual: Sic Code(s):	144200
1432 ft. Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	0402253
Entity Name:	TWIN CREEKS SPREADING GROUND
Company:	NORTH COUNTY SAND & GRAVEL INC
Status:	Permanently Abandoned
Status Date:	20000907
Operation Class:	2
Number of Shops:	0

NORTH COUNTY SAND & GRAVEL INC (Continued) **1011130475**

Number of Plants:	0
Latitude Degree:	00
Longitude Degree:	000
Latitude Minute:	00
Latitude Seconds:	00
Longitude Minutes:	00
Longitude Seconds:	00
Number of Pits:	000

D29 **EARTH SYSTEMS SOUTHWEST** **RCRA NonGen / NLR** **1024753096**
WNW **1680 ILLINOIS AVENUE** **CAC002972907**
1/8-1/4 **PERRIS, CA 92571**
0.182 mi.
961 ft. **Site 3 of 3 in cluster D**

Relative: **Lower**

Actual: **1426 ft.**

RCRA Listings:

Date Form Received by Agency:		20180726
Handler Name:	EARTH SYSTEMS SOUTHWEST	
Handler Address:		1680 ILLINOIS AVENUE
Handler City,State,Zip:		PERRIS, CA 92571
EPA ID:		CAC002972907
Contact Name:		KEVIN PAUL
Contact Address:		1680 ILLINOIS AVENUE
Contact City,State,Zip:		PERRIS, CA 92571
Contact Telephone:		951-928-9799
Contact Fax:		Not reported
Contact Email:		CLOPEZ@ENVIRONMENTALLOGISTICS.ORG
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:		1680 ILLINOIS AVENUE
Mailing City,State,Zip:		PERRIS, CA 92571
Owner Name:	EARTH SYSTEMS SOUTHWEST	
Owner Type:		Other
Operator Name:	KEVIN PAUL	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

EARTH SYSTEMS SOUTHWEST (Continued) **1024753096**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20180831
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: EARTH SYSTEMS SOUTHWEST	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1680 ILLINOIS AVENUE
Owner/Operator City,State,Zip:	PERRIS, CA 92571
Owner/Operator Telephone:	951-928-9799
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: KEVIN PAUL	

EARTH SYSTEMS SOUTHWEST (Continued) **1024753096**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1680 ILLINOIS AVENUE
Owner/Operator City,State,Zip:	PERRIS, CA 92571
Owner/Operator Telephone:	951-928-9799
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180726
Handler Name:	EARTH SYSTEMS SOUTHWEST
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F30 **NORTH COUNTY SAND & GRAVEL INC** **US MINES** **1016469061**
SSE **N/A**
1/8-1/4 **RIVERSIDE (County), CA**
0.189 mi.
996 ft. **Site 4 of 4 in cluster F**

Relative:
Higher

Actual:
1432 ft.

US MINES:

Sic Code(s):	144200
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Sic Code(s):	000000
Mine ID:	0405517
Entity Name:	FAB-TECH 17
Company:	NORTH COUNTY SAND & GRAVEL INC
Status:	Permanently Abandoned
Status Date:	20120702
Operation Class:	2
Number of Shops:	0
Number of Plants:	0

NORTH COUNTY SAND & GRAVEL INC (Continued) **1016469061**

Latitude Degree:	33
Longitude Degree:	117
Latitude Minute:	44
Latitude Seconds:	25
Longitude Minutes:	10
Longitude Seconds:	53
Number of Pits:	000

---

31 **ROMALAND** **MINES** **S117662489**
North **N/A**
1/8-1/4 **, CA**
0.207 mi.
1095 ft.

Relative: **Higher**
Actual: **1431 ft.**

MINES:

Name:	ROMALAND
Address:	Not reported
City,State,Zip:	CA
Latitude:	33.748333
Longitude:	-117.183333
Lead Agency identification code:	33
Lead Agency name:	County of Riverside
Year of the operator supplied annual report:	2002
Type of report submitted by operator:	2
Number of acres disturbed by the mine:	Not reported
Status of mining operation:	CLOSED - NEVER OPERATED
Status of mine reclamation:	RECLAMATION NOT STARTED
Mine operator:	ASPHALT & CONCRETE RECYCLING, INC.
Operator Address:	1871 WARREN ROAD
Operator City, State, Zip:	SAN JACINTO, CA 92582
Operator County:	Not reported
Mine owner:	GERMANN
Owner Address:	560 HAYES CIRCLE ROAD
Owner City, State, Zip:	HAMILTON, MT 59840
Owner County:	Not reported
Reclamation plan identification number:	Not reported
Primary product produced by the mine:	Sand and Gravel
Other products produced by the mine:	Not reported
Conditional use permit identification number:	190
Number of acres permitted for mining disturbance:	13
Total amount of funds posted by the mine for reclamation:	Not reported
Financial Assurance Cost Estimate for reclamation:	Not reported
X Coordinates:	-13044788.959
Y Coordinates:	3995059.1491

G32 **CALTRANS** **LUST** **S105025906**
NE **2764 HIGHWAY 74** **Cortese** **N/A**
1/8-1/4 **ROMOLAND, CA 92580** **HIST CORTESE**
0.218 mi. **CERS**
1150 ft. **Site 1 of 5 in cluster G**

Relative: **Higher**
Actual: **1441 ft.**

LUST:

Name:	CAL TRANS
Address:	2764 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92580
Lead Agency:	RIVERSIDE COUNTY LOP

CALTRANS (Continued) **S105025906**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500136
Global Id:	T0606500136
Latitude:	33.7474058166435
Longitude:	-117.177692060407
Status:	Completed - Case Closed
Status Date:	05/31/1994
Case Worker:	RIV
RB Case Number:	083301251T
Local Agency:	RIVERSIDE COUNTY LOP
File Location:	Local Agency Warehouse
Local Case Number:	89341
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0606500136
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP
Organization Name:	RIVERSIDE COUNTY LOP
Address:	3880 LEMON ST SUITE 200
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558980

LUST:

Global Id:	T0606500136
Action Type:	ENFORCEMENT
Date:	05/30/1994
Action:	File review - #RCDEH Upload Site File 4/29/2015

Global Id:	T0606500136
Action Type:	Other
Date:	04/19/1989
Action:	Leak Reported

Global Id:	T0606500136
Action Type:	ENFORCEMENT
Date:	05/31/1994
Action:	Closure/No Further Action Letter

Global Id:	T0606500136
Action Type:	Other
Date:	05/12/1989
Action:	Leak Stopped

Global Id:	T0606500136
Action Type:	ENFORCEMENT
Date:	05/31/1994
Action:	Closure/No Further Action Letter - #Riv Co Closure

Global Id:	T0606500136
Action Type:	Other
Date:	04/19/1989
Action:	Leak Discovery

CALTRANS (Continued) **S105025906**

LUST:

Global Id:	T0606500136
Status:	Open - Case Begin Date
Status Date:	04/19/1989
Global Id:	T0606500136
Status:	Open - Site Assessment
Status Date:	07/27/1989
Global Id:	T0606500136
Status:	Completed - Case Closed
Status Date:	05/31/1994

LUST REG 8:

Name:	CALTRANS
Address:	2764 HIGHWAY 74
City:	ROMOLAND
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083301251T
Local Case Num:	89341
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	I-215
Enf Type:	CLOS
Funding:	Federal Funds
How Discovered:	OM
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Tank
Global ID:	T0606500136
How Stopped Date:	4/19/1989
Enter Date:	9/6/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	7/27/1989
Discover Date:	4/19/1989
Enforcement Date:	1/1/1965
Close Date:	5/31/1994
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	9/6/1989
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Yes
Oversite Program:	LUST
Latitude:	34.3502267

CALTRANS (Continued) **S105025906**

Longitude:	-117.2493057
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	UPPER MOJAVE RIVER V
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	CAL TRANS
Address:	2764 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92580
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0606500136
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:	CALTRANS
edr_fadd1:	2764 74
City,State,Zip:	ROMOLAND, CA 92380
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083301251T

CERS:

Name:	CAL TRANS

CALTRANS (Continued) **S105025906**

Address:	2764 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92580
Site ID:	192161
CERS ID:	T0606500136
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980,

G33 **CAL TRANS** **LUST** **S105557667**
NE **27644 HWY 74** **N/A**
1/8-1/4 **ROMOLAND, CA**
0.218 mi.
1151 ft. **Site 2 of 5 in cluster G**

Relative: **Higher**
Actual: **1440 ft.**

RIVERSIDE CO. LUST:

Name:	CAL TRANS
Address:	27644 HWY 74
City,State,Zip:	ROMOLAND, CA
Region:	RIVERSIDE
Facility ID:	89341
Employee:	Brown
Site Closed:	Yes
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted
Fstatus Decode:	Closed/Action completed

G34 **ROMO GAS MART** **UST** **U004340167**
NE **27682 HWY 74** **N/A**
1/8-1/4 **ROMOLAND, CA 92585**
0.227 mi.
1199 ft. **Site 3 of 5 in cluster G**

Relative: **Higher**
Actual: **1442 ft.**

RIVERSIDE CO. UST:

Name:	ROMO GAS MART
Address:	27682 HWY 74
City,State,Zip:	ROMOLAND, CA 92585
Region:	RIVERSIDE
Total Tanks:	3

G35 **ROMO GAS MART** **SWEEPS UST** **S106931558**
NE **27682 HIGHWAY 74** **CERS TANKS** **N/A**
1/8-1/4 **ROMOLAND, CA 92380** **CERS**
0.227 mi.
1199 ft. **Site 4 of 5 in cluster G**

Relative:
Higher

Actual:
1442 ft.

SWEEPS UST:

Name:	ROMO GAS MART
Address:	27682 HIGHWAY 74
City:	ROMOLAND
Status:	Active
Comp Number:	31978
Number:	3
Board Of Equalization:	44-018149
Referral Date:	11-18-92
Action Date:	11-18-92
Created Date:	04-24-89
Owner Tank Id:	001547
SWRCB Tank Id:	33-000-031978-000001
Tank Status:	A
Capacity:	5000
Active Date:	11-18-92
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Name:	ROMO GAS MART
Address:	27682 HIGHWAY 74
City:	ROMOLAND
Status:	Active
Comp Number:	31978
Number:	3
Board Of Equalization:	44-018149
Referral Date:	11-18-92
Action Date:	11-18-92
Created Date:	04-24-89
Owner Tank Id:	001547
SWRCB Tank Id:	33-000-031978-000002
Tank Status:	A
Capacity:	5000
Active Date:	11-18-92
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	Not reported

Name:	ROMO GAS MART
Address:	27682 HIGHWAY 74
City:	ROMOLAND
Status:	Active
Comp Number:	31978
Number:	3
Board Of Equalization:	44-018149
Referral Date:	11-18-92
Action Date:	11-18-92
Created Date:	04-24-89
Owner Tank Id:	001547
SWRCB Tank Id:	33-000-031978-000003

ROMO GAS MART (Continued) **S106931558**

Tank Status: A
Capacity: 4000
Active Date: 11-18-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CERS TANKS:
Name: ROMO GAS MART
Address: 27682 HIGHWAY 74
City,State,Zip: ROMOLAND, CA 92585
Site ID: 410153
CERS ID: 10709704
CERS Description: Underground Storage Tank

CERS:
Name: ROMO GAS MART
Address: 27682 HIGHWAY 74
City,State,Zip: ROMOLAND, CA 92585
Site ID: 410153
CERS ID: 10709704
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2021
Citation: HSC 6.7 25298(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25298(c)
Violation Description: Failure to comply with all permanent closure requirements.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain records of repairs, lining, and upgrades on site, or off site if approved by the CUPA, for the life of the UST.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health

ROMO GAS MART (Continued) **S106931558**

Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description: Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 11-17-2021
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Description: Failure to comply with one or more of the following overfill prevention equipment requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018. For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter. For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter. Inspected within 30 days after a repair to the overfill prevention equipment. Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Inspected by a certified UST service technician. Maintain records of overfill prevention equipment inspection for 36 months.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2632, 2634, 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2712(b)
Violation Description: Failure to maintain monitoring and maintenance records (e.g., alarm logs) and/or maintain records of appropriate follow-up actions.

ROMO GAS MART (Continued) **S106931558**

Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2715(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(i)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Description:	Failure to maintain UST records of monitoring, testing, repairing, and closure in sufficient detail to enable the CUPA to determine whether the UST systems are in compliance.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2715(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)
Violation Description:	Failure to comply with one or more of the following designated operator (DO) monthly inspection requirements: Be performed by an ICC certified DO. Inspect monthly alarm history report, check that alarms are documented and responded to appropriately, and attach a copy. Inspect for the presence of liquid/debris in spill containers. Inspect for the presence of liquid/debris in under dispenser containment (UDC) and ensure that the monitoring equipment is positioned correctly. Inspect for liquid or debris in containment sumps where an alarm occurred with no service visit. Check that all testing and maintenance has been completed and documented. Verify that all facility employees have been properly trained.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2632(d)(1)(C), 2641(h), 2711(a)(8) - California Code of

ROMO GAS MART (Continued) **S106931558**

Regulations, Title 23, Chapter 16, Section(s) 2632(d)(1)(C), 2641(h), 2711(a)(8)
Violation Description: Failure to submit or update a plot plan.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure to maintain secondarily contained piping to allow liquid to flow into the sump in the event of a leak (i.e., failure to remove test boot).
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-30-2020
Citation: HSC 6.7 25298(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25298(c)
Violation Description: Failure to comply with all permanent closure requirements.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-23-2022
Citation: HSC 6.7 25298(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25298(c)
Violation Description: Failure to comply with all permanent closure requirements.
Violation Notes: Not reported
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2630(d), 2643(f), 2644.1(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2630(d), 2643(f), 2644.1(a)(2)
Violation Description: Failure to demonstrate to the CUPA that the equipment and methods used to monitor the UST system are certified by an independent third-party as complying with the standards set forth in 23 CCR 2643(f).
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

ROMO GAS MART (Continued) **S106931558**

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: HSC 6.7 25292(a); 23 CCR 16 2643 - California Health and Safety Code, Chapter 6.7, Section(s) 25292(a); 23 CCR 16 2643
Violation Description: Failure to outfit the single-walled UST system with a monitoring system capable of detecting unauthorized releases, e.g., automatic tank gauge (ATG) or continuous in-tank leak detection (CITLD).
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-25-2019
Citation: HSC 6.7 25298(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25298(c)
Violation Description: Failure to comply with all permanent closure requirements.
Violation Notes: Abandoned UST site. Previous AEO held 3/29/18.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2712(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(f)
Violation Description: Failure to implement the corrections specified in the inspection report within 30 calendar days of receiving an inspection report from either the CUPA or special inspector.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to retain a copy of the permit to operate at the facility.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health

ROMO GAS MART (Continued) **S106931558**

Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25298 - California Health and Safety Code, Chapter 6.7, Section(s) 25298
Violation Description:	UST system was abandoned or not properly closed, or failure to comply with all permanent closure requirements.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2636(f)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(2)
Violation Description:	Failure of the line leak detector (LLD) monitoring pressurized piping to meet one or more of the following requirements:Monitor at least hourly.Be capable of detecting a release of 3.0 gallons per hour at 10 p.s.i.g. Restrict or shut off the flow of product through the piping when a leak is detected.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to install a line leak detector (LLD).
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2631(g), 2632(c)(2)(A) & (B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(g), 2632(c)(2)(A) & (B)
Violation Description:	Failure of the double-walled interstitial space of the tank to be continuously monitored with an audible and visual alarm.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017

ROMO GAS MART (Continued) **S106931558**

Citation:	HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description:	Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2643(b)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2643(b)(1)
Violation Description:	Failure of the automatic tank gauging (ATG) system to perform valid monthly 0.2 gallon-per-hour leak tests or generate hard-copy test reports.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2637(e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637(e)
Violation Description:	Failure to submit a copy of the secondary containment test results to the CUPA within 30 days after the test.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to perform an annual line integrity test for pressurized

ROMO GAS MART (Continued) **S106931558**

	double-walled piping that does not utilize fail safe or positive shut down.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Description:	Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Description:	Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description:	Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2715(e) - California Code of Regulations, Title 23, Chapter

ROMO GAS MART (Continued) **S106931558**

	16, Section(s) 2715(e)
Violation Description:	Failure to maintain a copy of the designated operator monthly inspections for the last 12 months on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description:	Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)
Violation Description:	Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description:	Failure of the line leak detector (LLD) monitoring single-walled pressurized piping to shut down the pump when a leak is detected or when the LLD fails or is disconnected.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	Failure to test the spill bucket annually.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

ROMO GAS MART (Continued) **S106931558**

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Description:	Failure to obtain a valid permit to operate from the CUPA.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description:	Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Monitoring Plan.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description:	Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes:	Returned to compliance on 03/07/2018.

ROMO GAS MART (Continued) **S106931558**

Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-07-2018
Citation: HSC 6.7 25298(c) - California Health and Safety Code, Chapter 6.7, Section(s) 25298(c)
Violation Description: Failure to comply with all permanent closure requirements.
Violation Notes: Returned to compliance on 03/25/2019. Abandoned UST
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to have a UST Monitoring Plan available on site.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/07/2018. Abandoned UST's
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Violation Date: 03-08-2017
Citation: 23 CCR 16 2631.1(b) - California Code of Regulations, Title 23,

ROMO GAS MART (Continued) **S106931558**

	Chapter 16, Section(s) 2631.1(b)
Violation Description:	Failure to submit and/or maintain documentation regarding positive statement of compatibility for UST system components.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	09-26-2017
Citation:	HSC 6.7 25298 - California Health and Safety Code, Chapter 6.7, Section(s) 25298
Violation Description:	UST system was abandoned or not properly closed, or failure to comply with all permanent closure requirements.
Violation Notes:	Returned to compliance on 03/07/2018. Abandoned UST
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2715(f)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)(3)
Violation Description:	Failure to maintain a list of employees trained by the designated operator on-site or off-site at a readily available location, if approved by the UPA.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Description:	Failure to submit the Annual Monitoring System Certification Form to the CUPA within 30 days of completion of the test.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,
Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2646.1(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2646.1(j)
Violation Description:	Failure to submit the annual statistical inventory reconciliation (SIR) Report to the CUPA.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

ROMO GAS MART (Continued) **S106931558**

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2631(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2631(d)
Violation Description:	Failure of primary or integral secondary containment to be approved for use by an independent testing organization or failure of non integral secondary containment to be designed and constructed to an engineering specification approved by a registered professional engineer or in accordance with a nationally recognized industry code or engineering standard.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Description:	Failure to have an approved UST Response Plan.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have a UST Response Plan available on site.
Violation Notes:	Returned to compliance on 03/07/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	410153
Site Name:	Romo Gas Mart
Violation Date:	03-08-2017
Citation:	23 CCR 16 2662(c)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2662(c)(1)(B)
Violation Description:	Failure to install corrosion protection for USTs and/or failure of the field-installed cathodic protection system to meet the consensus

ROMO GAS MART (Continued) **S106931558**

standards.
Violation Notes: Returned to compliance on 03/07/2018.
Violation Division: Riverside County Department of Env Health
Violation Program: UST
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-07-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Romo Gas - Abandoned UST Site
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Abandoned UST
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Tank facility check- Supplemental Posted at Site
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-26-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Abandoned UST Site
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported

ROMO GAS MART (Continued) **S106931558**

Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-08-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Abandoned UST Inspection
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-30-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Abandoned UST Inspection
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-17-2021
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: UST
Eval Source: CERS,

Enforcement Action:
Site ID: 410153
Site Name: Romo Gas Mart
Site Address: 27682 HIGHWAY 74
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 03-08-2021
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Original Program Enforcement date 9/3/2019. Date above updated to current inspection date as additional violations linked to Enforcement action.
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: UST
Enf Action Source: CERS,

Site ID: 410153
Site Name: Romo Gas Mart
Site Address: 27682 HIGHWAY 74
Site City: ROMOLAND
Site Zip: 92585
Enf Action Date: 03-29-2018
Enf Action Type: AEO - Unified Program
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health

ROMO GAS MART (Continued) **S106931558**

Enf Action Program: UST
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104
Affiliation City: Riverside
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92503
Affiliation Phone: (951) 358-5055,

Affiliation Type Desc: Identification Signer
Entity Name: Wes Wesolowski
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: UST Tank Operator
Entity Name: Carmen Lydia Rojas
Entity Title: Not reported
Affiliation Address: 27682 Highway 74
Affiliation City: Romoland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92585
Affiliation Phone: (951) 214-9662,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 27682 Highway 74
Affiliation City: Romoland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92585
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Wes Wesolowski
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: Carmen Lydia Rojas
Entity Title: Not reported

ROMO GAS MART (Continued) **S106931558**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(951) 214-9662,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Carmen Lydia Rojas
Entity Title:	Not reported
Affiliation Address:	27682 Highway 74
Affiliation City:	Romoland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 214-9662,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Martha Rojas
Entity Title:	Not reported
Affiliation Address:	27682 Highway 74
Affiliation City:	Romoland
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92585
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Carmen Lydia Rojas
Entity Title:	Not reported
Affiliation Address:	27682 Highway 74
Affiliation City:	Romoland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 214-9662,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Romo Gas Mart
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:	UST Property Owner Name
Entity Name:	Carmen Lydia Rojas
Entity Title:	Not reported
Affiliation Address:	27682 Highway 74
Affiliation City:	Romoland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92585
Affiliation Phone:	(951) 214-9662,

G36 **ROMO GAS MART** **UST** **U004329820**
NE **27682 HIGHWAY 74** **N/A**
1/8-1/4 **ROMOLAND, CA 92585**
0.227 mi.
1199 ft. **Site 5 of 5 in cluster G**

Relative:
Higher

Actual:
1442 ft.

UST:

Name:	ROMO GAS MART
Address:	27682 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92585
Facility ID:	Not reported
Permitting Agency:	Riverside County Department of Environmental Health
CERSID:	Not reported
Latitude:	33.71554
Longitude:	-117.30209

Name:	ROMO GAS MART
Address:	27682 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92585
Facility ID:	Not reported
Permitting Agency:	Riverside County Department of Environmental Health
CERSID:	10709704
Latitude:	33.71554
Longitude:	-117.30209

H37 **WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT** **CERS HAZ WASTE** **S113467612**
WNW **1622 ILLINOIS AVE STE 1** **HAZNET** **N/A**
1/8-1/4 **PERRIS, CA 92571** **CERS**
0.241 mi. **HWTS**
1274 ft. **Site 1 of 3 in cluster H**

Relative:
Lower

Actual:
1425 ft.

CERS HAZ WASTE:

Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1
City,State,Zip:	PERRIS, CA 92570
Site ID:	129673
CERS ID:	10327411
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City,State,Zip:	PERRIS, CA 925719374
Contact:	AMANDA LANGSTON
Telephone:	9514718205
Mailing Name:	Not reported
Mailing Address:	1622 ILLINOIS AVE STE 1
Year:	2021
Gepaid:	CAL000348539
TSD EPA ID:	CAD044429835
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:	0.6
Year:	2020
Gepaid:	CAL000348539

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

TSD EPA ID: NED981723513
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.3

Year: 2020
Gepaid: CAL000348539
TSD EPA ID: CAD044429835
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: 0.05

Year: 2019
Gepaid: CAL000348539
TSD EPA ID: CAD044429835
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: 0.10000

Year: 2019
Gepaid: CAL000348539
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: 0.01000

Year: 2018
Gepaid: CAL000348539
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: 0.02250

Year: 2018
Gepaid: CAL000348539
TSD EPA ID: CAD044429835
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: 0.25000

Year: 2017
Gepaid: CAL000348539
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: 0.1

Year: 2016
Gepaid: CAL000348539
TSD EPA ID: CAD044429835
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Year:	2016
Gepaid:	CAL000348539
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:	0.005

Click this hyperlink while viewing on your computer to access
3 additional CA HAZNET: record(s) in the EDR Site Report.

Detail Two:

Year:	2020
EM Manifest ID:	6724343f-408a-43c9-b538-ba9126e9e6d8
Shipment Date:	7/1/2020
Receipt Date:	7/20/2020
Manifest Number:	007542225SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Casey Dyreson
Contact Telephone:	951-471-8205
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:	6724343f-408a-43c9-b538-ba9126e9e6d8
Generator EPA ID:	CAL000348539
Shipment Date:	2020-07-01
Manifest Number:	007542225SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Year:	2020
EM Manifest ID:	6724343f-408a-43c9-b538-ba9126e9e6d8
Generator EPA ID:	CAL000348539
Shipment Date:	2020-07-01
Manifest Number:	007542225SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018

State:

Year:	2020
EM Manifest ID:	6724343f-408a-43c9-b538-ba9126e9e6d8
Generator EPA ID:	CAL000348539
Shipment Date:	2020-07-01
Manifest Number:	007542225SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Year:	2020
EM Manifest ID:	3fecc9d7-3959-4ef5-9a2b-aa55eae31e6b
Shipment Date:	2/27/2020
Receipt Date:	3/18/2020
Manifest Number:	007286497SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Casey Dyreson
Contact Telephone:	951-471-8205
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

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Federal:

Year:	2020
EM Manifest ID:	3fecc9d7-3959-4ef5-9a2b-aa55eae31e6b
Generator EPA ID:	CAL000348539
Shipment Date:	2020-02-27
Manifest Number:	007286497SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	3fecc9d7-3959-4ef5-9a2b-aa55eae31e6b
Generator EPA ID:	CAL000348539
Shipment Date:	2020-02-27
Manifest Number:	007286497SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018

State:

Year:	2020
EM Manifest ID:	3fecc9d7-3959-4ef5-9a2b-aa55eae31e6b
Generator EPA ID:	CAL000348539
Shipment Date:	2020-02-27
Manifest Number:	007286497SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.05000
Quantity Waste:	100.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Year:	2020
EM Manifest ID:	2c8ac98b-2413-417b-b454-bed0261db357
Shipment Date:	11/19/2020
Receipt Date:	12/9/2020
Manifest Number:	007837195SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Main Contact
Contact Telephone:	951-471-8205
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:	2c8ac98b-2413-417b-b454-bed0261db357
Generator EPA ID:	CAL000348539
Shipment Date:	2020-11-19
Manifest Number:	007837195SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	2c8ac98b-2413-417b-b454-bed0261db357
Generator EPA ID:	CAL000348539
Shipment Date:	2020-11-19
Manifest Number:	007837195SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018

State:

Year:	2020
EM Manifest ID:	2c8ac98b-2413-417b-b454-bed0261db357
Generator EPA ID:	CAL000348539
Shipment Date:	2020-11-19
Manifest Number:	007837195SKS
Line Number:	1
Method Code:	H040

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Year:	2020
EM Manifest ID:	ddb679f7-133e-4fd2-9387-a365af73c510
Shipment Date:	10/7/2020
Receipt Date:	10/28/2020
Manifest Number:	007787928SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Main Contact
Contact Telephone:	951-471-8205
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:	ddb679f7-133e-4fd2-9387-a365af73c510
Generator EPA ID:	CAL000348539
Shipment Date:	2020-10-07
Manifest Number:	007787928SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2020
EM Manifest ID:	ddb679f7-133e-4fd2-9387-a365af73c510
Generator EPA ID:	CAL000348539
Shipment Date:	2020-10-07
Manifest Number:	007787928SKS
Line Number:	1
Method Code:	H040

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018

State:

Year:	2020
EM Manifest ID:	ddb679f7-133e-4fd2-9387-a365af73c510
Generator EPA ID:	CAL000348539
Shipment Date:	2020-10-07
Manifest Number:	007787928SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Detail Two:

Year:	2019
EM Manifest ID:	522258
Shipment Date:	7/8/2019
Receipt Date:	7/22/2019
Manifest Number:	007142164SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Main Contact
Contact Telephone:	951-471-8205
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:	522258
Generator EPA ID:	CAL000348539
Shipment Date:	2019-07-08

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Manifest Number: 007142164SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.01000
Quantity Waste: 20.000000
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: 522258
Generator EPA ID: CAL000348539
Shipment Date: 2019-07-08
Manifest Number: 007142164SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.01000
Quantity Waste: 20.000000
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: 522258
Generator EPA ID: CAL000348539
Shipment Date: 2019-07-08
Manifest Number: 007142164SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D008

State:
Year: 2019
EM Manifest ID: 522258
Generator EPA ID: CAL000348539
Shipment Date: 2019-07-08
Manifest Number: 007142164SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.01000
Quantity Waste: 20.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 343

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Year:	2019
EM Manifest ID:	631cc4d9-1af5-48eb-8417-bc6acfeaca14
Shipment Date:	4/8/2019
Receipt Date:	4/19/2019
Manifest Number:	007033890SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Main Contact
Contact Telephone:	951-471-8205
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:	631cc4d9-1af5-48eb-8417-bc6acfeaca14
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-08
Manifest Number:	007033890SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
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:	631cc4d9-1af5-48eb-8417-bc6acfeaca14
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-08
Manifest Number:	007033890SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

EM Manifest ID:	631cc4d9-1af5-48eb-8417-bc6acfeaca14
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-08
Manifest Number:	007033890SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

State:

Year:	2019
EM Manifest ID:	631cc4d9-1af5-48eb-8417-bc6acfeaca14
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-08
Manifest Number:	007033890SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02500
Quantity Waste:	50.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2019
EM Manifest ID:	186b5c5e-2bc2-436b-b3b6-c19e52e24fc5
Shipment Date:	4/23/2019
Receipt Date:	5/6/2019
Manifest Number:	007034630SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Casey Dyreson
Contact Telephone:	951-471-8205
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

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Federal:

Year:	2019
EM Manifest ID:	186b5c5e-2bc2-436b-b3b6-c19e52e24fc5
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-23
Manifest Number:	007034630SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	186b5c5e-2bc2-436b-b3b6-c19e52e24fc5
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-23
Manifest Number:	007034630SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018

State:

Year:	2019
EM Manifest ID:	186b5c5e-2bc2-436b-b3b6-c19e52e24fc5
Generator EPA ID:	CAL000348539
Shipment Date:	2019-04-23
Manifest Number:	007034630SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Year:	2019
EM Manifest ID:	749890
Shipment Date:	11/4/2019
Receipt Date:	11/20/2019
Manifest Number:	007192671SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Casey Dyreson
Contact Telephone:	951-471-8205
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:	749890
Generator EPA ID:	CAL000348539
Shipment Date:	2019-11-04
Manifest Number:	007192671SKS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	749890
Generator EPA ID:	CAL000348539
Shipment Date:	2019-11-04
Manifest Number:	007192671SKS
Line Number:	2
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D018

State:

Year:	2019
EM Manifest ID:	749890
Generator EPA ID:	CAL000348539
Shipment Date:	2019-11-04
Manifest Number:	007192671SKS
Line Number:	2
Method Code:	H141

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	213

Year:	2019
EM Manifest ID:	218073
Shipment Date:	11/28/2018
Receipt Date:	12/12/2018
Manifest Number:	006723190SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Casey Dyreson
Contact Telephone:	951-471-8205
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:	218073
Generator EPA ID:	CAL000348539
Shipment Date:	2018-11-28
Manifest Number:	006723190SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	218073
Generator EPA ID:	CAL000348539
Shipment Date:	2018-11-28
Manifest Number:	006723190SKS
Line Number:	1
Method Code:	H141

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Quantity Tons: 0.15000
Quantity Waste: 300.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D018

State:
Year: 2019
EM Manifest ID: 218073
Generator EPA ID: CAL000348539
Shipment Date: 2018-11-28
Manifest Number: 006723190SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.15000
Quantity Waste: 300.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 213

Detail Two:
Year: 2018
EM Manifest ID: 006159299SKS20170809_D_1
Shipment Date: 8/9/2017
Receipt Date: 8/24/2017
Manifest Number: 006159299SKS
Generator EPA ID: CAL000348539
Name: LANGSTON MOTORSPORTS
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: 006159299SKS20170809_D_1
Generator EPA ID: CAL000348539
Shipment Date: 2017-08-09

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Manifest Number:	006159299SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	006159299SKS20170809_D_1
Generator EPA ID:	CAL000348539
Shipment Date:	2017-08-09
Manifest Number:	006159299SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D018

State:

Year:	2018
EM Manifest ID:	006159299SKS20170809_D_1
Generator EPA ID:	CAL000348539
Shipment Date:	2017-08-09
Manifest Number:	006159299SKS
Line Number:	1
Method Code:	H040
Quantity Tons:	0.15000
Quantity Waste:	300.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
State Code:	343

Year:	2018
EM Manifest ID:	104685
Shipment Date:	8/16/2018
Receipt Date:	8/30/2018
Manifest Number:	006655183SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Main Contact
Contact Telephone:	951-471-8205

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

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:	104685
Generator EPA ID:	CAL000348539
Shipment Date:	2018-08-16
Manifest Number:	006655183SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D006

Year:	2018
EM Manifest ID:	104685
Generator EPA ID:	CAL000348539
Shipment Date:	2018-08-16
Manifest Number:	006655183SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2018
EM Manifest ID:	104685
Generator EPA ID:	CAL000348539
Shipment Date:	2018-08-16
Manifest Number:	006655183SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D008

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

State:

Year:	2018
EM Manifest ID:	104685
Generator EPA ID:	CAL000348539
Shipment Date:	2018-08-16
Manifest Number:	006655183SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.02250
Quantity Waste:	45.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2018
EM Manifest ID:	105825
Shipment Date:	7/27/2018
Receipt Date:	8/13/2018
Manifest Number:	006654765SKS
Generator EPA ID:	CAL000348539
Name:	LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City:	PERRIS
Zip:	92571
Telephone:	800-483-3718
Contact:	Casey Dyreson
Contact Telephone:	310-522-5332
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:	105825
Generator EPA ID:	CAL000348539
Shipment Date:	2018-07-27
Manifest Number:	006654765SKS
Line Number:	1
Method Code:	H141
Quantity Tons:	0.10000
Quantity Waste:	200.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Federal Code: D001

Year: 2018
EM Manifest ID: 105825
Generator EPA ID: CAL000348539
Shipment Date: 2018-07-27
Manifest Number: 006654765SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
Federal Code: D018

State:
Year: 2018
EM Manifest ID: 105825
Generator EPA ID: CAL000348539
Shipment Date: 2018-07-27
Manifest Number: 006654765SKS
Line Number: 1
Method Code: H141
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 213

Year: 2018
EM Manifest ID: 005985528SKS20170404_D_1
Shipment Date: 4/4/2017
Receipt Date: 4/24/2017
Manifest Number: 005985528SKS
Generator EPA ID: CAL000348539
Name: LANGSTON MOTORSPORTS
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

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

TSDF Zip: Not reported
TSDF Telephone: Not reported

Federal:
Year: 2018
EM Manifest ID: 005985528SKS20170404_D_1
Generator EPA ID: CAL000348539
Shipment Date: 2017-04-04
Manifest Number: 005985528SKS
Line Number: 1
Method Code: H040
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D001

Year: 2018
EM Manifest ID: 005985528SKS20170404_D_1
Generator EPA ID: CAL000348539
Shipment Date: 2017-04-04
Manifest Number: 005985528SKS
Line Number: 1
Method Code: H040
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
Federal Code: D018

State:
Year: 2018
EM Manifest ID: 005985528SKS20170404_D_1
Generator EPA ID: CAL000348539
Shipment Date: 2017-04-04
Manifest Number: 005985528SKS
Line Number: 1
Method Code: H040
Quantity Tons: 0.10000
Quantity Waste: 200.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 343

Year: 2018
EM Manifest ID: 006296475SKS20171115_D_1
Shipment Date: 11/15/2017
Receipt Date: 11/29/2017
Manifest Number: 006296475SKS
Generator EPA ID: CAL000348539

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Name:	LANGSTON MOTORSPORTS
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:	006296475SKS20171115_D_1
Generator EPA ID:	CAL000348539
Shipment Date:	2017-11-15
Manifest Number:	006296475SKS
Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D001

Year:	2018
EM Manifest ID:	006296475SKS20171115_D_1
Generator EPA ID:	CAL000348539
Shipment Date:	2017-11-15
Manifest Number:	006296475SKS
Line Number:	1
Method Code:	Not reported
Quantity Tons:	0.07500
Quantity Waste:	150.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	NULL
Quantity Type:	NULL
Federal Code:	D018

State:

Year:	2018
EM Manifest ID:	006296475SKS20171115_D_1
Generator EPA ID:	CAL000348539
Shipment Date:	2017-11-15
Manifest Number:	006296475SKS

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Line Number: 1
Method Code: Not reported
Quantity Tons: 0.07500
Quantity Waste: 150.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: NULL
Quantity Type: NULL
State Code: 343

Additional Info:
Year: 2017
Gen EPA ID: CAL000348539

Shipment Date: 20171115
Creation Date: 10/4/2018 18:30:16
Receipt Date: 20171129
Manifest ID: 006296475SKS
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: MAD039322250
Trans 2 Name: CLEAN HARBORS
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: D018
Meth Code: - Not reported
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20170809
Creation Date: 10/4/2018 18:30:16
Receipt Date: 20170824
Manifest ID: 006159299SKS
Trans EPA ID: TXR000081205
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: D018
Meth Code: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons: 0.15
Waste Quantity: 300
Quantity Unit: P

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170404
Creation Date:	5/12/2018 18:30:23
Receipt Date:	20170424
Manifest ID:	005985528SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
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:	D018
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000348539
Shipment Date:	20151218
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20160104
Manifest ID:	005131414SKS
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	D007
Additional Code 2:	D006
Additional Code 3:	Not reported
Additional Code 4:	Not reported

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Additional Code 5:	Not reported
Shipment Date:	20150825
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150908
Manifest ID:	005004455SKS
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
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:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150119
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150209
Manifest ID:	004712004SKS
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000348539
Shipment Date:	20151218

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Creation Date:	5/24/2016 16:38:09
Receipt Date:	20160104
Manifest ID:	005131414SKS
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
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:	20150825
Creation Date:	11/4/2015 22:15:42
Receipt Date:	20150908
Manifest ID:	005004455SKS
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:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
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:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150119
Creation Date:	5/6/2015 22:15:19
Receipt Date:	20150209
Manifest ID:	004712004SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

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: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.175
Waste Quantity: 350
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2013
Gen EPA ID: CAL000348539

Shipment Date: 20131011
Creation Date: 3/12/2014 22:15:10
Receipt Date: 20131017
Manifest ID: 011728283JJK
Trans EPA ID: TXR000081205
Trans Name: SAFETY-KLEEN SYSTEMS INC
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: 343 - Unspecified organic liquid mixture
RCRA Code: D018
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.187
Waste Quantity: 55
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20130509
Creation Date: 10/8/2013 22:15:15
Receipt Date: 20130516
Manifest ID: 011068482JJK
Trans EPA ID: CAD982413262
Trans Name: EVERGREEN ENVIRONMENTAL SERVICES
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

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000348539
Shipment Date:	20100121
Creation Date:	5/27/2010 18:30:08
Receipt Date:	20100128
Manifest ID:	006129624JJK
Trans EPA ID:	CAD982413262
Trans Name:	EVERGREEN ENVIRONMENTAL SERVICES
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:	331 - Off-specification, aged, or surplus organics
RCRA Code:	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:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	LANGSTON MOTORSPORTS
Address:	1622 ILLINOIS AVE STE 1
City,State,Zip:	PERRIS, CA 92570
Site ID:	129673
CERS ID:	10327411
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste",

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

	name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 10/13/2021. OBSERVATION: Observed 5 five gallon buckets with used paper filters that were missing proper labels. Observed the Used Coolant drum with an illegible label. CORRECTIVE ACTION: Owner/operator shall label hazardous waste containers with all the required information. Label shall include at least: the words ""hazardous waste"", generator name and address, accumulation start date, composition and physical state of waste, and hazardous property statement. Submit photos to this department, if applicable.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
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 10/08/2021. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

	Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 12/03/2021. OBSERVATION: Observed one 55 gallon drum of used coolant, one 55 gallon drum of waste gasoline and two 5 gallon buckets with used paper filters on site without an accumulation start date. Observed one 55 gallon drum of used metal filters with an accumulation date of 8/24/20. CORRECTIVE ACTION: Owner/operator shall ensure all hazardous wastes are transported off site within 180 days of the accumulation start date. Owner/operator shall have used antifreeze, used metal and paper filters, and waste gasoline properly hauled off site by a registered hazardous waste transporter.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	05-05-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
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 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Site Name:	Langston Motorsports
Violation Date:	03-26-2015
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 employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
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 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
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 09/14/2021. OBSERVATION: Site map submitted in CERS was missing an evacuation point, emergency shut-offs, and hazardous materials storage areas. CORRECTIVE ACTION: Owner/operator shall complete an annotated site map which includes all elements outlined in CA Health and Safety Code: north orientation, loading areas, internal roads, adjacent streets, storm and sewer drain, access and exit points, emergency shut offs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Submit site map into the statewide information management system (e.g. CERS) at http://cers.calepa.ca.gov.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
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 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Site ID: 129673
Site Name: Langston Motorsports
Violation Date: 05-05-2015
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 07/15/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 129673
Site Name: Langston Motorsports
Violation Date: 03-26-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/15/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 129673
Site Name: Langston Motorsports
Violation Date: 05-05-2015
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 07/15/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 129673
Site Name: Langston Motorsports
Violation Date: 05-05-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 07/15/2015.
Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 129673
Site Name: Langston Motorsports
Violation Date: 08-27-2018
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

	business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 08/27/2018.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
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 and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 09/14/2021. OBSERVATION: No annual business plan certification was observed in the statewide information management system. A notice was previously mailed from RivCo DEH requiring submission of a business plan. CORRECTIVE ACTION: Owner/Operator shall submit an updated business plan in the statewide information management system (e.g. CERS) at http://cers.calepa.ca.gov in accordance with the letter(s) previously sent to this facility. The compliance deadline for this violation will be pursuant to the date specified in the letter mailed to you by this Department, rather than 30 days from the date of this report. Business plans shall be reviewed and certified on at least an annual basis.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	08-27-2018
Citation:	Un-Specified
Violation Description:	Business Plan Program - Operations/Maintenance - General Local Ordinance
Violation Notes:	Returned to compliance on 10/04/2018. OBSERVATION: Observed faded NFPA-704 signs located at the entrance to the facility. CORRECTIVE ACTION: Owner/operator shall replace all faded or otherwise unrecognizable NFPA-704 signs. Submit photos to this department.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	05-05-2015
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Site Name:	Langston Motorsports
Violation Date:	03-26-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
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:	Returned to compliance on 10/13/2021. OBSERVATION: Observed used oil/fuel filters being stored improperly. Specifically, used paper filters were observed in two 5 gallon open buckets without hazardous waste labels. CORRECTIVE ACTION: Owner/operator shall store all hazardous waste in closed and properly labeled containers.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
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.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
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 10/13/2021. OBSERVATION: Observed two 5 gallon buckets containing used paper filters without lids and observed used oily rags in open containers. CORRECTIVE ACTION: Owner/operator shall place all hazardous material in a closed and properly labeled container, and manage according to Title 22 hazardous waste regulations. Submit a statement and supporting documentation (photos) explaining how this waste was managed to this department.
Violation Division:	Riverside County Department of Env Health

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	03-26-2015
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 hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/15/2015.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	09-14-2021
Citation:	HSC 6.5 25144.6(b) - California Health and Safety Code, Chapter 6.5, Section(s) 25144.6(b)
Violation Description:	Failure to properly manage reusable soiled textile materials prior to being sent for laundering.
Violation Notes:	Returned to compliance on 10/13/2021.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HW
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	08-27-2018
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 10/04/2018. OBSERVATION: No training records observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training. Please email a copy of the training documents as well as the dated signatures of all personnel that received the training.
Violation Division:	Riverside County Department of Env Health
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	129673
Site Name:	Langston Motorsports
Violation Date:	08-27-2018
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to 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 08/27/2018. OBSERVATION: No annual business

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

plan certification was observed in the statewide information management system. CORRECTIVE ACTION: Owner/Operator shall submit an updated business plan in the statewide information management system at http://cers.calepa.ca.gov. Business plans shall be reviewed and certified on at least an annual basis.

Violation Division: Riverside County Department of Env Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 05-05-2015
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-15-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: This facility is a retail and maintenance store that generates used oil, used filters, used coolant, and absorbent. Owner/ Operator shall ensure all oily paper towels are properly placed in a labeled hazardous waste container or use cloth rags that are laundered professionally.
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-15-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-14-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: This facility is a retail and maintenance store that handles lubricating oil.
Eval Division: Riverside County Department of Env Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-27-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-26-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Riverside County Department of Env Health
Eval Program: HW
Eval Source: CERS,

Enforcement Action:
Site ID: 129673
Site Name: Langston Motorsports
Site Address: 1622 ILLINOIS AVE STE 1
Site City: PERRIS
Site Zip: 92570
Enf Action Date: 03-26-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Site ID: 129673
Site Name: Langston Motorsports
Site Address: 1622 ILLINOIS AVE STE 1
Site City: PERRIS

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Site Zip: 92570
Enf Action Date: 03-26-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HW
Enf Action Source: CERS,

Site ID: 129673
Site Name: Langston Motorsports
Site Address: 1622 ILLINOIS AVE STE 1
Site City: PERRIS
Site Zip: 92570
Enf Action Date: 05-05-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Riverside County Department of Env Health
Enf Action Program: HMRRP
Enf Action Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Amanda Langston
Entity Title: Not reported
Affiliation Address: 1622 Illinois Ave #1
Affiliation City: Perris
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92571
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Gerald Langston
Entity Title: Not reported
Affiliation Address: 1622 Illinois Ave.
Affiliation City: Perris
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92571
Affiliation Phone: (951) 471-8205,

Affiliation Type Desc: Parent Corporation
Entity Name: Langston Motorsports
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: Riverside Cnty Env Health
Entity Title: Not reported
Affiliation Address: 4065 County Circle Drive, Room 104

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Affiliation City:	Riverside
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92503
Affiliation Phone:	(951) 358-5055,
Affiliation Type Desc:	Document Preparer
Entity Name:	Amanda Langston
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Attn: Gerald Langston
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:	(949) 231-7875,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1622 Illinois Ave, Unit 1
Affiliation City:	Perris
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92571
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Gerald Langston
Entity Title:	CEO
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

HWTS:

Name:	WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT
Address:	1622 ILLINOIS AVE STE 1
Address 2:	Not reported
City,State,Zip:	PERRIS, CA 92571
EPA ID:	CAL000348539
Inactive Date:	Not reported
Create Date:	12/09/2009
Last Act Date:	Not reported
Mailing Name:	Not reported

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **S113467612**

Mailing Address:	1622 ILLINOIS AVE STE 1
Mailing Address 2:	Not reported
Mailing City,State,Zip:	PERRIS, CA 925719374
Owner Name:	GERALD LANGSTON
Owner Address:	1622 ILLINOIS AVE STE 1
Owner Address 2:	Not reported
Owner City,State,Zip:	PERRIS, CA 925719374
Contact Name:	AMANDA LANGSTON
Contact Address:	1622 ILLINOIS AVE STE 1
Contact Address 2:	Not reported
City,State,Zip:	PERRIS, CA 92571
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.969089
Longitude:	-117.348592

NAICS:

EPA ID:	CAL000348539
Create Date:	2009-12-09 13:10:48.687
NAICS Code:	99999
NAICS Description:	Not Otherwise Specified
Issued EPA ID Date:	2009-12-09 13:10:48.65700
Inactive Date:	Not reported
Facility Name:	WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT
Facility Address:	1622 ILLINOIS AVE STE 1
Facility Address 2:	Not reported
Facility City:	PERRIS
Facility County:	Not reported
Facility State:	CA
Facility Zip:	925719374

H38 **WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT** **RCRA NonGen / NLR** **1024824644**
WNW **1622 ILLINOIS AVE STE 1** **CAL000348539**
1/8-1/4 **PERRIS, CA 92571**
0.241 mi.
1274 ft. **Site 2 of 3 in cluster H**

Relative: **Lower**

Actual: **1425 ft.**

RCRA Listings:

Date Form Received by Agency:	20091209
Handler Name:	WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT
Handler Address:	1622 ILLINOIS AVE STE 1
Handler City,State,Zip:	PERRIS, CA 92571-9374
EPA ID:	CAL000348539
Contact Name:	AMANDA LANGSTON
Contact Address:	1622 ILLINOIS AVE STE 1
Contact City,State,Zip:	PERRIS, CA 92571
Contact Telephone:	951-471-8205
Contact Fax:	951-928-0740
Contact Email:	AMANDA@LANGSTONMOTORSPORTS.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

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **1024824644**

Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1622 ILLINOIS AVE STE 1
Mailing City,State,Zip:		PERRIS, CA 92571-9374
Owner Name:	GERALD LANGSTON	
Owner Type:		Other
Operator Name:	AMANDA LANGSTON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20180905

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **1024824644**

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: AMANDA LANGSTON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1622 ILLINOIS AVE STE 1
Owner/Operator City,State,Zip:	PERRIS, CA 92571
Owner/Operator Telephone:	951-471-8205
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: GERALD LANGSTON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1622 ILLINOIS AVE STE 1
Owner/Operator City,State,Zip:	PERRIS, CA 92571-9374
Owner/Operator Telephone:	951-471-8205
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20091209
Handler Name:	WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

WEST COAST YAMAHA INC DBA LANGSTON MOTORSPORT (Continued) **1024824644**

Evaluation Action Summary:
Evaluations: No Evaluations Found

H39 **AMANDA LANGSTON** **RCRA NonGen / NLR** **1024745603**
WNW **1622 ILLINOIS AVE** **CAC002965373**
1/8-1/4 **PERRIS, CA 92571**
0.241 mi.
1274 ft. **Site 3 of 3 in cluster H**

Relative: **Lower**

Actual: **1425 ft.**

RCRA Listings:

Date Form Received by Agency:		20180607
Handler Name:	AMANDA LANGSTON	
Handler Address:		1622 ILLINOIS AVE
Handler City,State,Zip:		PERRIS, CA 92571
EPA ID:		CAC002965373
Contact Name:		AMANDA LANGSTON
Contact Address:		1622 ILLINOIS AVE
Contact City,State,Zip:		PERRIS, CA 92571
Contact Telephone:		951-471-8205
Contact Fax:		Not reported
Contact Email:		AMANDA@LANGSTONMOTORSPORTS.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:		1622 ILLINOIS AVE
Mailing City,State,Zip:		PERRIS, CA 92571
Owner Name:	AMANDA LANGSTON	
Owner Type:		Other
Operator Name:	AMANDA LANGSTON	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		Yes
Universal Waste Destination Facility:		Yes
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N

AMANDA LANGSTON (Continued) **1024745603**

Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required: Not reported	
Handler Date of Last Change:	20180831
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: AMANDA LANGSTON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1622ILLINIOS AVE
Owner/Operator City,State,Zip:	PERRIS, CA 92571
Owner/Operator Telephone:	951-471-8205
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: AMANDA LANGSTON	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1622 ILLINOIS AVE

AMANDA LANGSTON (Continued) **1024745603**

Owner/Operator City,State,Zip: PERRIS, CA 92571
Owner/Operator Telephone: 951-471-8205
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180607
Handler Name: AMANDA LANGSTON
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

---

40 ENE 1/8-1/4 0.250 mi. 1319 ft.

BUTLER SCALES ZEPEDE
27736 HWY 74
ROMOLAND, CA 92585

RCRA-SQG FINDS ECHO **1000280931 CAD981621121**

Relative: Higher

Actual: 1444 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: BUTLER SCALES ZEPEDE
Handler Address: 27736 HWY 74
Handler City,State,Zip: ROMOLAND, CA 92585
EPA ID: CAD981621121
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

BUTLER SCALES ZEPEDE (Continued) **1000280931**

Active Site Indicator:		Handler Activities
State District Owner:		CA
State District:		4
Mailing Address:		PO BOX 280
Mailing City,State,Zip:		MURRIETA, CA 92362
Owner Name:	Not reported	
Owner Type:		Not reported
Operator Name:	NOT REQUIRED	
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported
202 GPRA Corrective Action Baseline:		No
Corrective Action Workload Universe:		No
Subject to Corrective Action Universe:		No
Non-TSDFs Where RCRA CA has Been Imposed Universe:		No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:		No
TSDFs Only Subject to CA under Discretionary Auth Universe:		No
Corrective Action Priority Ranking:		No NCAPS ranking
Environmental Control Indicator:		No
Institutional Control Indicator:		No
Human Exposure Controls Indicator:		N/A
Groundwater Controls Indicator:		N/A
Operating TSDF Universe:		Not reported
Full Enforcement Universe:		Not reported
Significant Non-Complier Universe:		No
Unaddressed Significant Non-Complier Universe:		No
Addressed Significant Non-Complier Universe:		No
Significant Non-Complier With a Compliance Schedule Universe:		No
Financial Assurance Required:	Not reported	
Handler Date of Last Change:		20020627

BUTLER SCALES ZEPEDE (Continued) **1000280931**

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: BUTLER SCALES ZEPEDE	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19960901
Handler Name: BUTLER SCALES ZEPEDE	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19870213
Handler Name: BUTLER SCALES ZEPEDE	
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

BUTLER SCALES ZEPEDE (Continued) **1000280931**

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 Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110006472003

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: 1000280931
Registry ID: 110006472003
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110006472003
Name: BUTLER SCALES ZEPEDE
Address: 27736 HWY 74
City,State,Zip: ROMOLAND, CA 92585

41
East
1/4-1/2
0.377 mi.
1992 ft.

Relative:
Higher

Actual:
1445 ft.

ROMOLAND MARKET
27856 HIGHWAY 74
ROMOLAND, CA 92380

LUST **S105025907**
SWEEPS UST **N/A**
HIST UST
Cortese
HIST CORTESE
CERS

LUST:
Name: ROMOLAND MARKET
Address: 27856 HIGHWAY 74
City,State,Zip: ROMOLAND, CA 92380
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500088
Global Id: T0606500088
Latitude: 33.7454021036022
Longitude: -117.173973939734
Status: Completed - Case Closed

ROMOLAND MARKET (Continued) **S105025907**

Status Date: 07/25/1996
Case Worker: RIV
RB Case Number: 083300832T
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 92265
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0606500088
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558980

LUST:
Global Id: T0606500088
Action Type: Other
Date: 03/19/1992
Action: Leak Reported

Global Id: T0606500088
Action Type: ENFORCEMENT
Date: 02/16/2009
Action: File review - #RCDEH Upload Site File 10/21/2015

Global Id: T0606500088
Action Type: Other
Date: 03/19/1992
Action: Leak Stopped

Global Id: T0606500088
Action Type: ENFORCEMENT
Date: 02/17/2009
Action: Closure/No Further Action Letter - #Site Closure

Global Id: T0606500088
Action Type: ENFORCEMENT
Date: 07/25/1996
Action: Closure/No Further Action Letter

Global Id: T0606500088
Action Type: Other
Date: 03/19/1992
Action: Leak Discovery

LUST:
Global Id: T0606500088
Status: Open - Case Begin Date
Status Date: 03/19/1992

Global Id: T0606500088

ROMOLAND MARKET (Continued) **S105025907**

Status: Open - Site Assessment
Status Date: 03/19/1992

Global Id: T0606500088
Status: Completed - Case Closed
Status Date: 07/25/1996

LUST REG 8:

Name:	ROMOLAND MARKET
Address:	27856 HIGHWAY 74
City:	ROMOLAND
Region:	8
County:	Riverside
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083300832T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	Other Source
Global ID:	T0606500088
How Stopped Date:	3/19/1992
Enter Date:	5/10/1988
Date Confirmation of Leak Began:	3/19/1992
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/19/1992
Enforcement Date:	Not reported
Close Date:	7/25/1996
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/10/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.75024
Longitude:	-117.1671504
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.

ROMOLAND MARKET (Continued) **S105025907**

MTBE Class:	*
Staff:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	33000L
Hydr Basin #:	SAN JACINTO (8-5)
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

RIVERSIDE CO. LUST:

Name:	ROMOLAND MARKET
Address:	27856 HWY 74
City,State,Zip:	ROMOLAND, CA
Region:	RIVERSIDE
Facility ID:	92265
Employee:	Brown
Site Closed:	Yes
Case Type:	Soil only
Facility Status:	closed/action completed
Casetype Decode:	Soil only is impacted
Fstatus Decode:	Closed/Action completed

SWEEPS UST:

Name:	ROMOLAND MARKET #231
Address:	27856 HIGHWAY 74
City:	ROMOLAND
Status:	Active
Comp Number:	31976
Number:	1
Board Of Equalization:	44-008422
Referral Date:	05-09-90
Action Date:	05-09-90
Created Date:	02-29-88
Owner Tank Id:	231-1
SWRCB Tank Id:	33-000-031976-000001
Tank Status:	A
Capacity:	9940
Active Date:	05-09-90
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	3

Name:	ROMOLAND MARKET #231
Address:	27856 HIGHWAY 74
City:	ROMOLAND
Status:	Active
Comp Number:	31976
Number:	1
Board Of Equalization:	44-008422
Referral Date:	05-09-90
Action Date:	05-09-90
Created Date:	02-29-88

ROMOLAND MARKET (Continued) **S105025907**

Owner Tank Id: 231-2
SWRCB Tank Id: 33-000-031976-000002
Tank Status: A
Capacity: 9940
Active Date: 05-09-90
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ROMOLAND MARKET #231
Address: 27856 HIGHWAY 74
City: ROMOLAND
Status: Active
Comp Number: 31976
Number: 1
Board Of Equalization: 44-008422
Referral Date: 05-09-90
Action Date: 05-09-90
Created Date: 02-29-88
Owner Tank Id: 231-3
SWRCB Tank Id: 33-000-031976-000003
Tank Status: A
Capacity: 5000
Active Date: 05-09-90
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: ROMOLAND MARKET
Address: 27856 HIGHWAY 74
City,State,Zip: ROMOLAND, CA 92380
File Number: 0001F958
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0001F958.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

ROMOLAND MARKET (Continued) **S105025907**

Click here for Geo Tracker PDF:

CORTESE:

Name:	ROMOLAND MARKET
Address:	27856 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92380
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0606500088
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:	ROMOLAND MARKET
edr_fadd1:	27856 74
City,State,Zip:	ROMOLAND, CA 92380
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	083300832T

CERS:

Name:	ROMOLAND MARKET
Address:	27856 HIGHWAY 74
City,State,Zip:	ROMOLAND, CA 92380
Site ID:	218587
CERS ID:	T0606500088
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	Riverside County LOP - RIVERSIDE COUNTY LOP
Entity Title:	Not reported
Affiliation Address:	3880 LEMON ST SUITE 200
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9519558980,

42
NNW
1/4-1/2
0.435 mi.
2296 ft.

FORWES HOLDINGS
27256 HWY 74
ROMOLAND, CA

LUST
Cortese
CERS

S119777448
N/A

Relative:
Lower

Actual:
1428 ft.

LUST:

Name:	FORWES HOLDINGS
Address:	27256 HWY 74
City,State,Zip:	ROMOLAND, CA
Lead Agency:	RIVERSIDE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000010036
Global Id:	T10000010036
Latitude:	33.75195
Longitude:	-117.18495
Status:	Completed - Case Closed
Status Date:	12/15/2006
Case Worker:	Not reported
RB Case Number:	Not reported
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	CO0022015
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T10000010036
Action Type:	ENFORCEMENT
Date:	12/15/2006
Action:	Closure/No Further Action Letter
Global Id:	T10000010036
Action Type:	ENFORCEMENT
Date:	12/14/2006
Action:	File review
Global Id:	T10000010036
Action Type:	Other
Date:	04/04/2006
Action:	Leak Discovery
Global Id:	T10000010036
Action Type:	Other
Date:	04/04/2006
Action:	Leak Reported

LUST:

Global Id:	T10000010036
Status:	Open - Case Begin Date
Status Date:	04/04/2006
Global Id:	T10000010036
Status:	Open - Site Assessment
Status Date:	04/04/2006
Global Id:	T10000010036
Status:	Open - Eligible for Closure

FORWES HOLDINGS (Continued) **S119777448**

Status Date: 12/14/2006

Global Id: T10000010036
Status: Completed - Case Closed
Status Date: 12/15/2006

CORTESE:
Name: FORWES HOLDINGS
Address: 27256 HWY 74
City,State,Zip: ROMOLAND, CA
Region: CORTESE
Envirostor Id: Not reported
Global ID: T10000010036
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: FORWES HOLDINGS
Address: 27256 HWY 74
City,State,Zip: ROMOLAND, CA
Site ID: 416511
CERS ID: T10000010036
CERS Description: Leaking Underground Storage Tank Cleanup Site

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43 **FORMER LAKESIDE CHEVROLET** **US BROWNFIELDS** **1014948906**
NNW **25351 TRUMBLE ROAD** **N/A**
1/4-1/2 **ROMOLAND, CA 92585**
0.484 mi.
2553 ft.

Relative:
Lower

Actual:
1427 ft.

US BROWNFIELDS:
Name: FORMER LAKESIDE CHEVROLET
Address: 25351 TRUMBLE ROAD
City,State,Zip: ROMOLAND, CA 92585-9664
Recipient Name: Redevelopment Agency for the County of Riverside
Grant Type: Cleanup
Property Number: 329-020-009 & 329-020-22
Parcel size: 5
Latitude: 33.7523377
Longitude: -117.1851688

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

HCM Label:	Address Matching-Primary Name
Map Scale:	Google Ear
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	-
Datum:	World Geodetic System of 1984
Acres Property ID:	105141
IC Data Access:	-
Start Date:	6/26/2009
Redev Completition Date:	-
Completed Date:	4/19/2011
Acres Cleaned Up:	5
Cleanup Funding:	141000
Cleanup Funding Source:	EPA
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	US EPA - Brownfields Cleanup Cooperative Agreement
Grant Type:	Petroleum
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	00T15701
Start Date:	-
Ownership Entity:	-
Completion Date:	-
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	97
Below Poverty Percent:	29.94
Meidan Income:	1436
Meidan Income Number:	195
Meidan Income Percent:	60.19
Vacant Housing Number:	7
Vacant Housing Percent:	7.6
Unemployed Number:	28
Unemployed Percent:	8.64

Name:	FORMER LAKESIDE CHEVROLET
Address:	25351 TRUMBLE ROAD
City,State,Zip:	ROMOLAND, CA 92585-9664
Recipient Name:	Redevelopment Agency for the County of Riverside
Grant Type:	Cleanup
Property Number:	329-020-009 & 329-020-22
Parcel size:	5
Latitude:	33.7523377
Longitude:	-117.1851688
HCM Label:	Address Matching-Primary Name
Map Scale:	Google Ear
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	-
Datum:	World Geodetic System of 1984
Acres Property ID:	105141
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-
Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	-
Assessment Funding Source:	-
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	-
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	-
Accomplishment Count:	-
Cooperative Agreement Number:	00T15701
Start Date:	-
Ownership Entity:	-
Completion Date:	-
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	N

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-
Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	97
Below Poverty Percent:	29.94
Meidan Income:	1436
Meidan Income Number:	195
Meidan Income Percent:	60.19
Vacant Housing Number:	7
Vacant Housing Percent:	7.6
Unemployed Number:	28
Unemployed Percent:	8.64

Name:	FORMER LAKESIDE CHEVROLET
Address:	25351 TRUMBLE ROAD
City,State,Zip:	ROMOLAND, CA 92585-9664
Recipient Name:	Redevelopment Agency for the County of Riverside
Grant Type:	Cleanup
Property Number:	329-020-009 & 329-020-22
Parcel size:	5
Latitude:	33.7523377
Longitude:	-117.1851688
HCM Label:	Address Matching-Primary Name
Map Scale:	Google Ear
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	-
Datum:	World Geodetic System of 1984
Acres Property ID:	105141
IC Data Access:	-
Start Date:	-
Redev Completition Date:	-
Completed Date:	-
Acres Cleaned Up:	-

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

Cleanup Funding:	-
Cleanup Funding Source:	-
Assessment Funding:	87014
Assessment Funding Source:	Redevelopment Agency
Redevelopment Funding:	-
Redev. Funding Source:	-
Redev. Funding Entity Name:	-
Redevelopment Start Date:	-
Assessment Funding Entity:	Local Funding
Cleanup Funding Entity:	-
Grant Type:	Petroleum
Accomplishment Type:	Cleanup Planning
Accomplishment Count:	N
Cooperative Agreement Number:	00T15701
Start Date:	6/26/2009
Ownership Entity:	-
Completion Date:	3/1/2010
Current Owner:	-
Did Owner Change:	-
Cleanup Required:	Y
Video Available:	-
Photo Available:	-
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	-
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	-
Asbestos cleaned:	-
Controled substance found:	-
Controled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	Y
Petro products cleaned:	Y
Sediments found:	-

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

Sediments cleaned:	-
Soil affected:	Y
Soil cleaned up:	Y
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	-
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-
Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	97
Below Poverty Percent:	29.94
Meidan Income:	1436
Meidan Income Number:	195
Meidan Income Percent:	60.19
Vacant Housing Number:	7
Vacant Housing Percent:	7.6

FORMER LAKESIDE CHEVROLET (Continued) **1014948906**

Unemployed Number: 28
Unemployed Percent: 8.64

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44 **HIGH SCHOOL NO. 3** **ENVIROSTOR** **S105840774**
East **BRIGGS ROAD/PINACATE ROAD** **SCH** **N/A**
1/4-1/2 **ROMOLAND, CA 92585**
0.497 mi.
2623 ft.

Relative:
Higher

Actual:
1448 ft.

ENVIROSTOR:

Name:	HIGH SCHOOL NO. 3
Address:	BRIGGS ROAD/PINACATE ROAD
City,State,Zip:	ROMOLAND, CA 92585
Facility ID:	33010072
Status:	No Further Action
Status Date:	03/19/2003
Site Code:	404438
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	60
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	67
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.74451
Longitude:	-117.1718
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Aldrin Chlordane DDD DDE DDT Dieldrin Endosulfan Endrin HCH (alpha HCH (beta HCH (gamma) Lindane HCH-technical Heptachlor Heptachlor epoxide Mirex Toxaphene TPH-diesel TPH-gas PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016 Polybrominated biphenyls Polychlorinated biphenyls (PCBs Polychlorinated biphenyls (PCBs, see IRIS Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30019-NO 30024-NO 30025-NO 30468-NO 30470-NO 30309-NO 30313-NO 30314-NO 30315-NO 30316-NO 30207-NO 30467-NO 30469-NO 30400-NO 30261-NO 30043-NO 30308-NO 30018-NO 30023-NO
Potential Description:	SOIL
Alias Name:	AGRI-EMPIRE
Alias Type:	Alternate Name
Alias Name:	HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3
Alias Type:	Alternate Name
Alias Name:	404438
Alias Type:	Project Code (Site Code)

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Alias Name: 33010072
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 12/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/02/2003
Comments: Phase 1 Draft

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: HIGH SCHOOL NO. 3
Address: BRIGGS ROAD/PINACATE ROAD
City,State,Zip: ROMOLAND, CA 92585
Facility ID: 33010072
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 60
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404438
Assembly:	67
Senate:	23
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/19/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.74451
Longitude:	-117.1718
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endosulfan, Endrin, HCH (alpha, HCH (beta, HCH (gamma) Lindane, HCH-technical, Heptachlor, Heptachlor epoxide, Mirex, Toxaphene, TPH-diesel, TPH-gas, PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254, PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016, Polybrominated biphenyls, Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs, see IRIS, Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30019-NO, 30024-NO, 30025-NO, 30468-NO, 30470-NO, 30309-NO, 30313-NO, 30314-NO, 30315-NO, 30316-NO, 30207-NO, 30467-NO, 30469-NO, 30400-NO, 30261-NO, 30043-NO, 30308-NO, 30018-NO, 30023-NO
Potential Description:	SOIL
Alias Name:	AGRI-EMPIRE
Alias Type:	Alternate Name
Alias Name:	HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3
Alias Type:	Alternate Name
Alias Name:	404438
Alias Type:	Project Code (Site Code)
Alias Name:	33010072
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	03/19/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/12/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/15/2004

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	12/29/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/02/2003
Comments:	Phase 1 Draft
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

45
SW
1/2-1
0.968 mi.
5113 ft.

THE CLUB K-8 SCHOOL
EVANS ROAD/NOVA LANE
ROMOLAND, CA 92586

ENVIROSTOR **S105628774**
SCH **N/A**

Relative:
Lower

Actual:
1425 ft.

ENVIROSTOR:

Name:	THE CLUB K-8 SCHOOL
Address:	EVANS ROAD/NOVA LANE
City,State,Zip:	ROMOLAND, CA 92586
Facility ID:	33010067
Status:	No Further Action
Status Date:	04/17/2003
Site Code:	404389
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	19.08
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	67
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.73257
Longitude:	-117.1943
APN:	331-080-008, 331-080-009, 331-080-010, 331-080-011
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	DDE Lead Chromium VI Cobalt Copper and compounds Nickel (soluble

THE CLUB K-8 SCHOOL (Continued) **S105628774**

salts
Confirmed COC: Chromium VI Cobalt Copper and compounds Nickel (soluble salts DDE Lead
Potential Description: SOIL
Alias Name: CLUB K-8 SCHOOL
Alias Type: Alternate Name
Alias Name: ROMOLAND ELEMENTARY SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: ROMOLAND SD-THE CLUB K-8 SCHOOL
Alias Type: Alternate Name
Alias Name: THE CLUB K-8 SCHOOL
Alias Type: Alternate Name
Alias Name: 331-080-008
Alias Type: APN
Alias Name: 331-080-009
Alias Type: APN
Alias Name: 331-080-010
Alias Type: APN
Alias Name: 331-080-011
Alias Type: APN
Alias Name: 404389
Alias Type: Project Code (Site Code)
Alias Name: 33010067
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: 04/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/27/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/24/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

THE CLUB K-8 SCHOOL (Continued) **S105628774**

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:	THE CLUB K-8 SCHOOL
Address:	EVANS ROAD/NOVA LANE
City,State,Zip:	ROMOLAND, CA 92586
Facility ID:	33010067
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	19.08
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404389
Assembly:	67
Senate:	23
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	04/17/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.73257
Longitude:	-117.1943
APN:	331-080-008, 331-080-009, 331-080-010, 331-080-011
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	DDE, Lead, Chromium VI, Cobalt, Copper and compounds, Nickel (soluble salts
Confirmed COC:	Chromium VI, Cobalt, Copper and compounds, Nickel (soluble salts, DDE, Lead
Potential Description:	SOIL
Alias Name:	CLUB K-8 SCHOOL
Alias Type:	Alternate Name
Alias Name:	ROMOLAND ELEMENTARY SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	ROMOLAND SD-THE CLUB K-8 SCHOOL
Alias Type:	Alternate Name
Alias Name:	THE CLUB K-8 SCHOOL
Alias Type:	Alternate Name
Alias Name:	331-080-008
Alias Type:	APN
Alias Name:	331-080-009
Alias Type:	APN
Alias Name:	331-080-010
Alias Type:	APN
Alias Name:	331-080-011

THE CLUB K-8 SCHOOL (Continued) **S105628774**

Alias Type: APN
Alias Name: 404389
Alias Type: Project Code (Site Code)
Alias Name: 33010067
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: 04/18/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/28/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 04/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/27/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/24/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 2 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
PERRIS	S105025541	CHEVRON #9-3075	180 4TH ST	92570	LUST, HIST CORTESE
SUN CITY	S121615216	28023 ETHANAC RD	28023 ETHANAC ROAD	92585	CIWQS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/16/2022
Date Data Arrived at EDR: 08/22/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/20/2023
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: 08/15/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/15/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 06/21/2022
Number of Days to Update: 6

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
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: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
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: 08/08/2022
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 73

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 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 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 06/01/2022
Date Data Arrived at EDR: 06/09/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 06/02/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 79

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
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: 04/14/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/16/2022
Number of Days to Update: 64

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Quarterly

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 06/21/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 03/10/2022
Date Made Active in Reports: 03/10/2022
Number of Days to Update: 0

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

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: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 08/12/2022
Date Data Arrived at EDR: 08/16/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 10

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/20/2023
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: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176
Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
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: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67
Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database
The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program
This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/25/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
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: 12/31/2019
Date Data Arrived at EDR: 01/20/2021
Date Made Active in Reports: 04/08/2021
Number of Days to Update: 78
Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/29/2022
Date Data Arrived at EDR: 08/18/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 67

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 08/18/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Quarterly

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 09/06/2022
Date Data Arrived at EDR: 09/06/2022
Date Made Active in Reports: 10/26/2022
Number of Days to Update: 50

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 09/06/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 08/31/2022
Date Data Arrived at EDR: 08/31/2022
Date Made Active in Reports: 10/31/2022
Number of Days to Update: 61

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/19/2022
Date Data Arrived at EDR: 09/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 11

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 06/30/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 05/24/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 06/28/2022
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/13/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 08/03/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 06/20/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
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: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
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: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/12/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 07/29/2022
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/18/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/16/2023
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: 01/20/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 64

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 69

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/04/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/24/2022
Next Scheduled EDR Contact: 02/06/2023
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: 06/30/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 03/02/2022
Date Made Active in Reports: 03/25/2022
Number of Days to Update: 23

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 10/27/2022
Next Scheduled EDR Contact: 02/16/2023
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: 08/24/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 07/26/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 08/01/2022
Date Data Arrived at EDR: 08/02/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 59

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/31/2022
Number of Days to Update: 14

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 08/22/2022
Number of Days to Update: 68

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/03/2022
Date Data Arrived at EDR: 08/25/2022
Date Made Active in Reports: 10/24/2022
Number of Days to Update: 60

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/11/2022
Date Made Active in Reports: 02/14/2022
Number of Days to Update: 34

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 06/25/2022
Date Data Arrived at EDR: 07/01/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 08/22/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 50

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/21/2022
Date Data Arrived at EDR: 06/21/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 79

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021
Date Data Arrived at EDR: 05/09/2022
Date Made Active in Reports: 05/17/2022
Number of Days to Update: 8

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/20/2022
Date Data Arrived at EDR: 05/20/2022
Date Made Active in Reports: 08/09/2022
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/27/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 79

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/13/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 78

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/16/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 07/12/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 73

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 10/19/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 74

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/09/2022
Date Data Arrived at EDR: 08/10/2022
Date Made Active in Reports: 08/30/2022
Number of Days to Update: 20

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/20/2023
Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/11/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/11/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 07/05/2022
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 07/05/2022
Date Made Active in Reports: 09/19/2022
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 73
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/10/2022
Date Data Arrived at EDR: 06/10/2022
Date Made Active in Reports: 08/26/2022
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/23/2022
Number of Days to Update: 77
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/06/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/06/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/16/2022
Date Data Arrived at EDR: 08/17/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 07/18/2022
Date Data Arrived at EDR: 07/18/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 74

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/23/2022
Date Data Arrived at EDR: 05/23/2022
Date Made Active in Reports: 06/02/2022
Number of Days to Update: 10

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022
Date Data Arrived at EDR: 04/05/2022
Date Made Active in Reports: 04/26/2022
Number of Days to Update: 21

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/28/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 08/17/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022
Date Data Arrived at EDR: 06/29/2022
Date Made Active in Reports: 07/21/2022
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 5

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/13/2023
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: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 06/14/2022
Date Data Arrived at EDR: 06/15/2022
Date Made Active in Reports: 09/02/2022
Number of Days to Update: 79

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 07/20/2022
Date Data Arrived at EDR: 07/20/2022
Date Made Active in Reports: 10/03/2022
Number of Days to Update: 75

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 05/06/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 09/30/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 08/01/2022
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
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: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 07/22/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/06/2022
Date Data Arrived at EDR: 07/07/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 76

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 09/27/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/11/2022
Date Data Arrived at EDR: 07/11/2022
Date Made Active in Reports: 09/23/2022
Number of Days to Update: 74

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/21/2022
Date Made Active in Reports: 04/11/2022
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/19/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 01/10/2022
Date Data Arrived at EDR: 01/12/2022
Date Made Active in Reports: 04/04/2022
Number of Days to Update: 82

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/13/2022
Date Data Arrived at EDR: 03/21/2022
Date Made Active in Reports: 06/15/2022
Number of Days to Update: 86

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 03/22/2022
Date Data Arrived at EDR: 06/24/2022
Date Made Active in Reports: 09/08/2022
Number of Days to Update: 76

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 09/20/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021
Date Data Arrived at EDR: 07/09/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 82

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 01/30/2023
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: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/22/2022
Date Data Arrived at EDR: 07/19/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 73

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 08/16/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/15/2022
Date Data Arrived at EDR: 02/17/2022
Date Made Active in Reports: 05/11/2022
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 01/09/2023
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: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/21/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 07/28/2022
Number of Days to Update: 3

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/03/2022
Number of Days to Update: 77

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 07/29/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/24/2022
Date Data Arrived at EDR: 08/01/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 80

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/01/2022
Next Scheduled EDR Contact: 11/14/2022
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2022
Date Data Arrived at EDR: 05/26/2022
Date Made Active in Reports: 06/01/2022
Number of Days to Update: 6

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/07/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/07/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 09/21/2022
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021
Date Data Arrived at EDR: 09/28/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 77

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/30/2022
Next Scheduled EDR Contact: 01/09/2023
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/04/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 07/05/2022
Number of Days to Update: 5

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 09/26/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 05/12/2022
Date Data Arrived at EDR: 05/12/2022
Date Made Active in Reports: 05/18/2022
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/16/2023
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: 05/31/2022
Date Data Arrived at EDR: 05/31/2022
Date Made Active in Reports: 08/18/2022
Number of Days to Update: 79

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 08/25/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021
Date Data Arrived at EDR: 03/04/2022
Date Made Active in Reports: 05/31/2022
Number of Days to Update: 88

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 08/04/2022
Date Data Arrived at EDR: 08/04/2022
Date Made Active in Reports: 10/20/2022
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
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: 01/18/2022
Date Data Arrived at EDR: 01/20/2022
Date Made Active in Reports: 04/27/2022
Number of Days to Update: 97

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 10/07/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/07/2022
Next Scheduled EDR Contact: 12/26/2022
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 08/10/2022
Date Data Arrived at EDR: 08/11/2022
Date Made Active in Reports: 10/28/2022
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/09/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 08/29/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2022
Date Data Arrived at EDR: 05/18/2022
Date Made Active in Reports: 08/04/2022
Number of Days to Update: 78
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 08/15/2022
Next Scheduled EDR Contact: 12/05/2022
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 08/09/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/13/2022
Next Scheduled EDR Contact: 01/02/2023
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/04/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/03/2022
Date Data Arrived at EDR: 05/27/2022
Date Made Active in Reports: 08/11/2022
Number of Days to Update: 76

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 08/23/2022
Next Scheduled EDR Contact: 12/12/2022
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 07/27/2022
Date Data Arrived at EDR: 07/27/2022
Date Made Active in Reports: 10/11/2022
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 10/26/2022
Next Scheduled EDR Contact: 02/16/2023
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 07/13/2022
Date Data Arrived at EDR: 07/14/2022
Date Made Active in Reports: 09/29/2022
Number of Days to Update: 77

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 04/26/2021
Date Data Arrived at EDR: 04/28/2021
Date Made Active in Reports: 07/13/2021
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/05/2022
Next Scheduled EDR Contact: 02/16/2023
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: 10/11/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 07/21/2022
Date Made Active in Reports: 09/30/2022
Number of Days to Update: 71

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/01/2022
Next Scheduled EDR Contact: 02/20/2023
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: 05/26/2022
Date Data Arrived at EDR: 07/25/2022
Date Made Active in Reports: 10/05/2022
Number of Days to Update: 72

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/17/2022
Next Scheduled EDR Contact: 01/30/2023
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 05/26/2022
Date Data Arrived at EDR: 06/07/2022
Date Made Active in Reports: 08/24/2022
Number of Days to Update: 78
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 08/31/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/22/2022
Date Data Arrived at EDR: 06/30/2022
Date Made Active in Reports: 09/14/2022
Number of Days to Update: 76
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 09/21/2022
Next Scheduled EDR Contact: 01/10/2023
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/25/2022
Date Data Arrived at EDR: 10/26/2022
Date Made Active in Reports: 10/31/2022
Number of Days to Update: 5
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/20/2022
Next Scheduled EDR Contact: 02/06/2023
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: 08/08/2022
Date Data Arrived at EDR: 08/08/2022
Date Made Active in Reports: 10/21/2022
Number of Days to Update: 74
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 08/08/2022
Next Scheduled EDR Contact: 11/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36
Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/03/2022
Next Scheduled EDR Contact: 01/16/2023
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/28/2022
Next Scheduled EDR Contact: 02/06/2023
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: 10/05/2022
Next Scheduled EDR Contact: 01/23/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 08/10/2022
Next Scheduled EDR Contact: 11/28/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 08/29/2022
Next Scheduled EDR Contact: 12/19/2022
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.
Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.
Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

HILLWOOD ETHANAC
ETHANAC ROAD AND SHERMAN ROAD
SUN CITY, CA 92585

TARGET PROPERTY COORDINATES

Latitude (North):	33.744313 - 33ˆ 44’ 39.53’’
Longitude (West):	117.182634 - 117ˆ 10’ 57.48’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	483083.4
UTM Y (Meters):	3733627.8
Elevation:	1431 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	12015913 ROMOLAND, CA
Version Date:	2018
North Map:	12015907 PERRIS, CA
Version Date:	2018

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

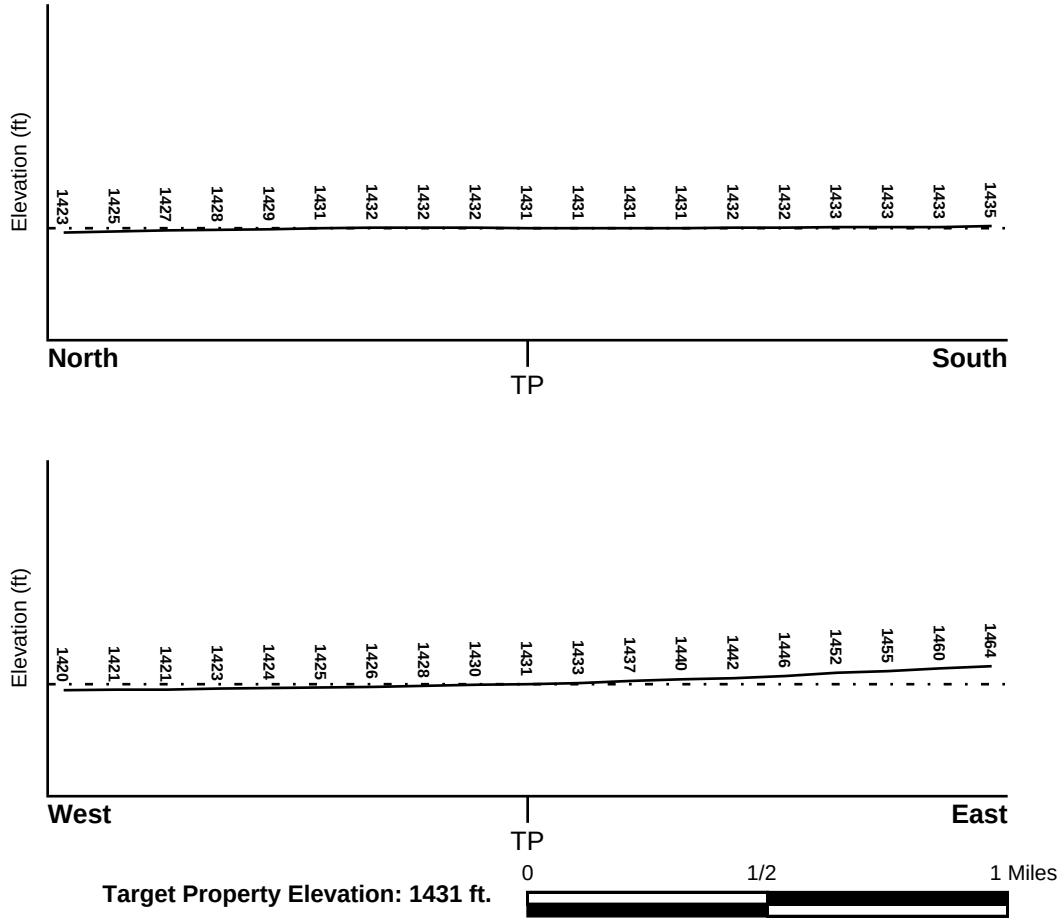
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 1431 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06065C2060H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C1440H	FEMA FIRM Flood data
06065C1445H	FEMA FIRM Flood data
06065C2055H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

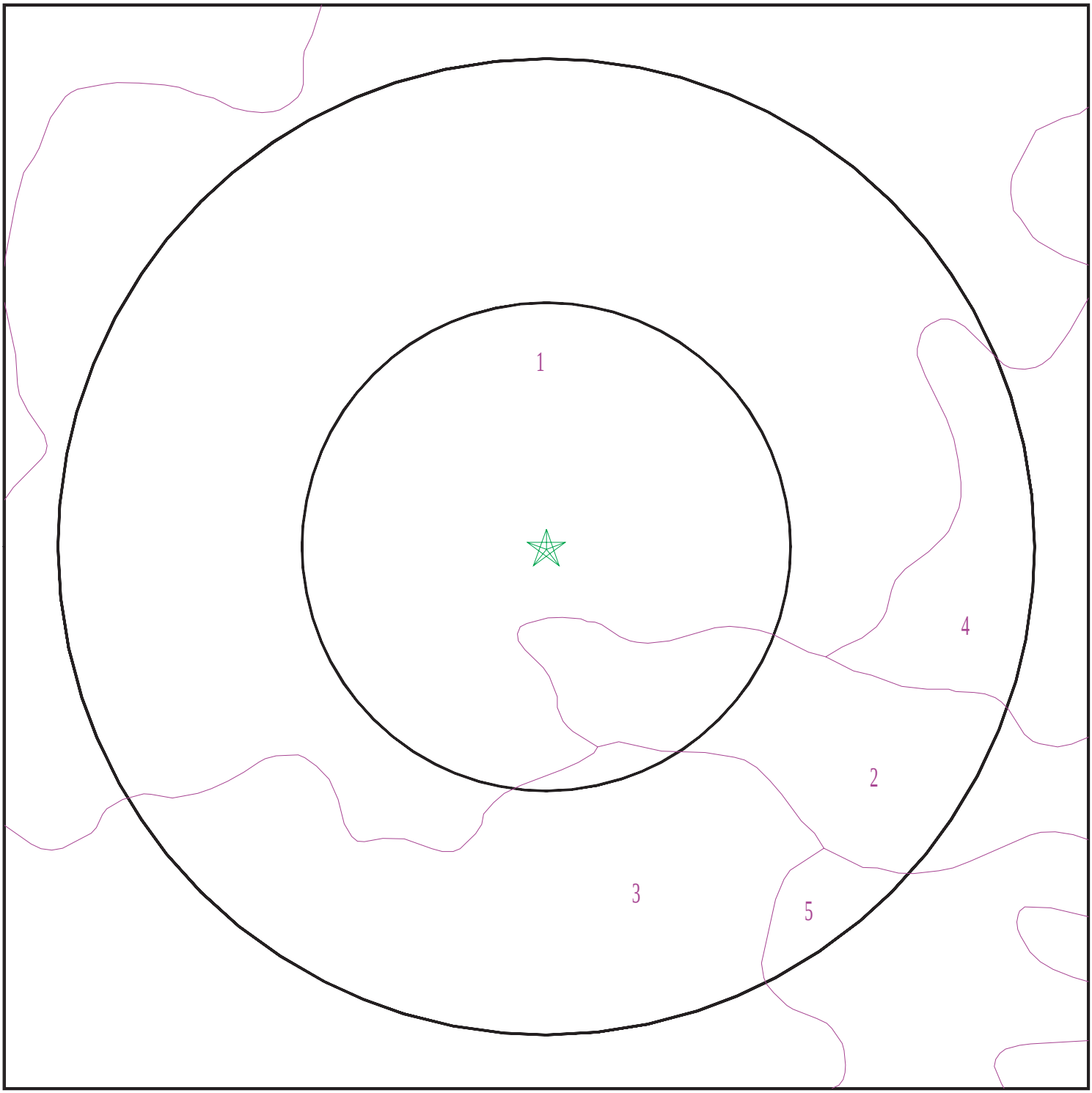
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7169074.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Hillwood Ethanac	CLIENT:	GeoSyntec Consultants
ADDRESS:	Ethanac Road and Sherman Road Sun City CA 92585	CONTACT:	Jackie Hyman
LAT/LONG:	33.744313 / 117.182634	INQUIRY #:	7169074.2s
		DATE:	November 03, 2022 5:33 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: MADERA

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	18 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	18 inches	25 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
3	25 inches	37 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
4	37 inches	61 inches	stratified coarse sandy loam to clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

Soil Map ID: 2

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	18 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	18 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	27 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 5

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	37 inches	50 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000137824	1/8 - 1/4 Mile NW
B5	USGS40000137850	1/4 - 1/2 Mile NW
C13	USGS40000137861	1/2 - 1 Mile NW
D15	USGS40000137651	1/2 - 1 Mile SE
E17	USGS40000137613	1/2 - 1 Mile South
F19	USGS40000137841	1/2 - 1 Mile ENE
G23	USGS40000137891	1/2 - 1 Mile NW
I29	USGS40000137576	1/2 - 1 Mile SSE
L34	USGS40000137523	1/2 - 1 Mile South
M39	USGS40000137922	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

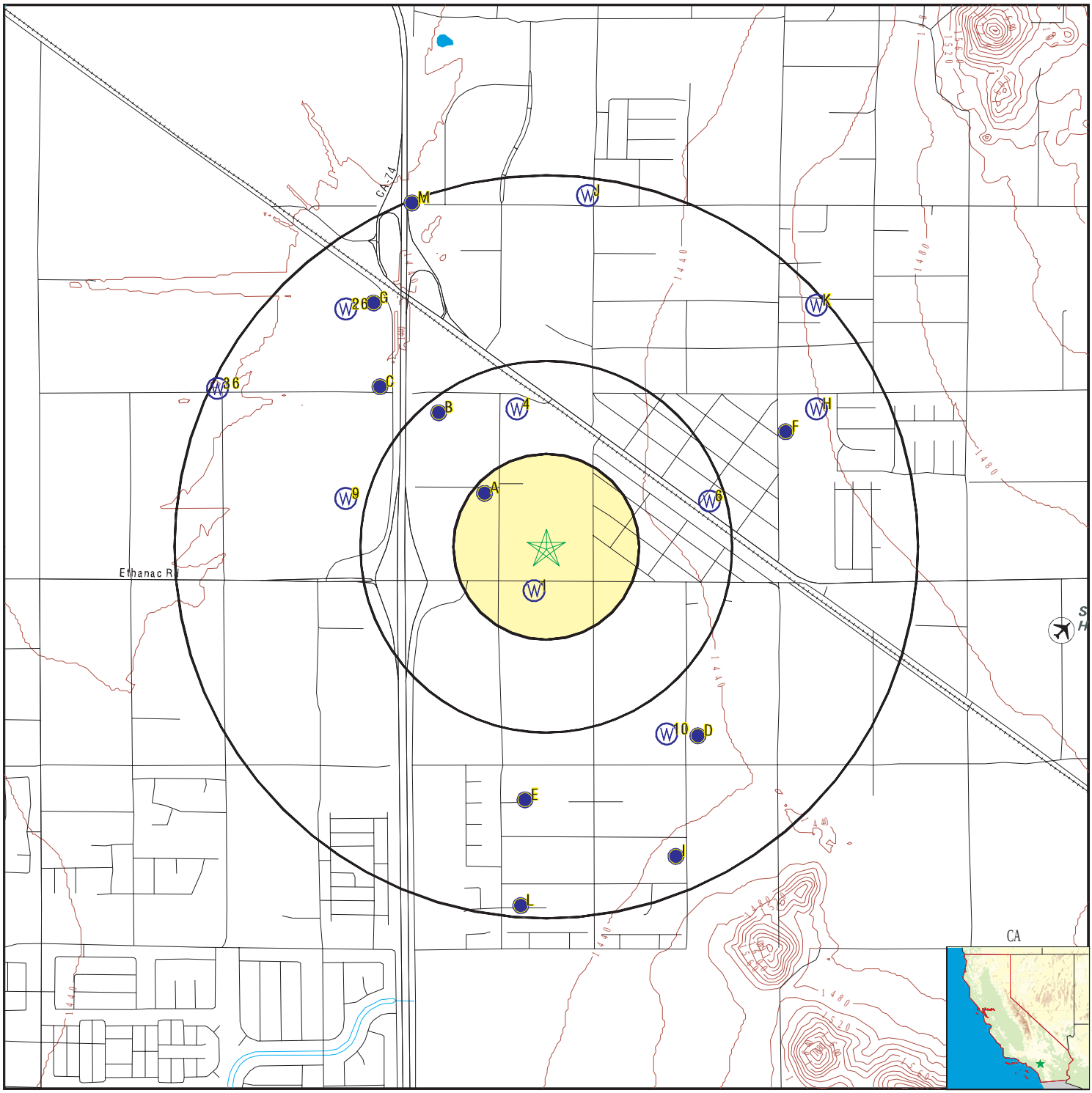
MAP ID	WELL ID	LOCATION FROM TP
1	CADDW0000018737	0 - 1/8 Mile SSW
A3	CADWR9000005295	1/8 - 1/4 Mile NW
4	CADWR0000021699	1/4 - 1/2 Mile NNW
6	CADWR0000000205	1/4 - 1/2 Mile ENE
B7	CADWR9000005307	1/4 - 1/2 Mile NW
B8	CADWR0000009347	1/4 - 1/2 Mile NW
9	CADWR0000015366	1/2 - 1 Mile WNW
10	CADWR9000005248	1/2 - 1 Mile SSE
C11	CADWR9000005316	1/2 - 1 Mile NW
C12	CAUSGSN00007400	1/2 - 1 Mile NW
C14	CADWR9000005317	1/2 - 1 Mile NW
D16	CAUSGSN00007238	1/2 - 1 Mile SE
E18	CAUSGSN00000736	1/2 - 1 Mile South
F20	CAUSGSN00001214	1/2 - 1 Mile ENE
F21	CADDW0000006636	1/2 - 1 Mile ENE
G22	CAUSGSN00012933	1/2 - 1 Mile NW
H24	CADWR0000000215	1/2 - 1 Mile ENE
H25	CADWR0000022880	1/2 - 1 Mile ENE
26	CADWR9000005346	1/2 - 1 Mile NW
G27	CADWR9000005353	1/2 - 1 Mile NW
I28	CADWR9000005226	1/2 - 1 Mile SSE
J30	CAUSGSN00003820	1/2 - 1 Mile North
J31	CAUSGS000001746	1/2 - 1 Mile North
K32	CADWR0000027763	1/2 - 1 Mile NE
J33	CADDW0000007907	1/2 - 1 Mile North
L35	CADWR9000005202	1/2 - 1 Mile South
36	CADWR9000005315	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
M37	CAUSGSN00012936	1/2 - 1 Mile NNW
K38	CADWR9000005351	1/2 - 1 Mile NE

PHYSICAL SETTING SOURCE MAP - 7169074.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Hillwood Ethanac	CLIENT:	GeoSyntec Consultants
ADDRESS:	Ethanac Road and Sherman Road Sun City CA 92585	CONTACT:	Jackie Hyman
LAT/LONG:	33.744313 / 117.182634	INQUIRY #:	7169074.2s
		DATE:	November 03, 2022 5:33 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
SSW
0 - 1/8 Mile
Higher

CA WELLS **CADDW0000018737**

Well ID:	3310009-078	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 89 (DESALTER SUPPLY) - STANDBY		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3310009-078&store_num=		
GeoTracker Data:	Not Reported		

A2
NW
1/8 - 1/4 Mile
Lower

FED USGS **USGS40000137824**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W10N001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-13
Feet below surface:	95.63	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1995-06-02	Feet below surface:	97.98
Feet to sea level:	Not Reported	Note:	Not Reported

A3
NW
1/8 - 1/4 Mile
Lower

CA WELLS **CADWR9000005295**

State Well #:	05S03W10N001S	Station ID:	6310
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

4
NNW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000021699**

Well ID:	05S03W10L001S	Well Type:	UNK
Source:	Department of Water Resources		

Other Name:	05S03W10L001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W10L001S&store_num=		
GeoTracker Data:	Not Reported		

B5
NW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137850**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W10M002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	333.7
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-05-05
Feet below surface:	96.22	Feet to sea level:	Not Reported
Note:	Not Reported		

6
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000000205**

Well ID:	05S03W10R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W10R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W10R001S&store_num=		
GeoTracker Data:	Not Reported		

B7
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR9000005307**

State Well #:	05S03W10M002S	Station ID:	6309
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B8
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000009347**

Well ID:	05S03W10M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W10M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W10M001S&store_num=		
GeoTracker Data:	Not Reported		

9
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000015366**

Well ID:	05S03W09R00?S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W09R00?S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W09R00?S&store_num=		
GeoTracker Data:	Not Reported		

10
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005248**

State Well #:	05S03W15H001S	Station ID:	28641
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

C11
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005316**

State Well #:	Not Reported	Station ID:	48337
Well Name:	EMWD12744	Basin Name:	San Jacinto
Well Use:	Observation	Well Type:	Single Well
Well Depth:	249	Well Completion Rpt #:	Not Reported

C12
NW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00007400**

Well ID:	USGS-334502117112201	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334502117112201	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334502117112201&store_num=
GeoTracker Data: Not Reported

C13
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137861**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W09H002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19930920	Well Depth:	250.6
Well Depth Units:	ft	Well Hole Depth:	260
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	1995-09-13
Feet below surface:	93.60	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-06-26	Feet below surface:	96.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-13	Feet below surface:	96.00
Feet to sea level:	Not Reported	Note:	Not Reported

C14
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005317**

State Well #:	05S03W09H002S	Station ID:	6307
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

D15
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000137651**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W15H001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	220
Well Depth Units:	ft	Well Hole Depth:	220

Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	2	Level reading date:	1995-05-05
Feet below surface:	101.32	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1993-11-19	Feet below surface:	110.20
Feet to sea level:	Not Reported	Note:	Not Reported

D16
SE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00007238**

Well ID:	USGS-334413117102901	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334413117102901	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334413117102901&store_num=		
GeoTracker Data:	Not Reported		

E17
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000137613**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W15L001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19941015	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

E18
South
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00000736**

Well ID:	USGS-334404117105801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334404117105801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334404117105801&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F19
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000137841**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W11M002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	787
Well Depth Units:	ft	Well Hole Depth:	787
Well Hole Depth Units:	ft		

F20
ENE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00001214**

Well ID:	USGS-334455117101401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334455117101401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334455117101401&store_num=		
GeoTracker Data:	Not Reported		

F21
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000006636**

Well ID:	3310009-074	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 81 (DESALTER SUPPLY)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3310009-074&store_num=		
GeoTracker Data:	Not Reported		

G22
NW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00012933**

Well ID:	USGS-334513117112301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334513117112301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334513117112301&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G23
NW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137891**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W09H001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19940119	Well Depth:	241.75
Well Depth Units:	ft	Well Hole Depth:	260
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	1995-09-13
Feet below surface:	89.81	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-06-26	Feet below surface:	92.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-13	Feet below surface:	92.86
Feet to sea level:	Not Reported	Note:	Not Reported

H24
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000000215**

Well ID:	05S03W11M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11M001S&store_num=		
GeoTracker Data:	Not Reported		

H25
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000022880**

Well ID:	05S03W11M002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11M002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11M002S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

26
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005346**

State Well #:	05S03W09H001S	Station ID:	6306
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

G27
NW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005353**

State Well #:	Not Reported	Station ID:	48336
Well Name:	EMWD12743	Basin Name:	San Jacinto
Well Use:	Observation	Well Type:	Single Well
Well Depth:	239	Well Completion Rpt #:	Not Reported

I28
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005226**

State Well #:	05S03W15Q001S	Station ID:	28642
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

I29
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000137576**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W15Q001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19910404	Well Depth:	380
Well Depth Units:	ft	Well Hole Depth:	380
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-05-22
Feet below surface:	33.49	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J30
North
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00003820**

Well ID:	USGS-334500117100001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334500117100001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334500117100001&store_num=		
GeoTracker Data:	Not Reported		

J31
North
1/2 - 1 Mile
Lower

CA WELLS **CAUSGS000001746**

K32
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000027763**

Well ID:	05S03W11E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11E001S&store_num=		
GeoTracker Data:	Not Reported		

J33
North
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000007907**

Well ID:	3310009-068	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 82 (DESALTER SUPPLY)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3310009-068&store_num=		
GeoTracker Data:	Not Reported		

L34
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000137523**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W15P002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19941001	Well Depth:	160
Well Depth Units:	ft	Well Hole Depth:	160
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1994-10-02
Feet below surface:	32	Feet to sea level:	Not Reported
Note:	Not Reported		

L35
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005202**

State Well #:	05S03W15P002S	Station ID:	6315
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

36
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005315**

State Well #:	Not Reported	Station ID:	48335
Well Name:	EMWD14355	Basin Name:	San Jacinto
Well Use:	Observation	Well Type:	Single Well
Well Depth:	134	Well Completion Rpt #:	Not Reported

M37
NNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00012936**

Well ID:	USGS-334528117111701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334528117111701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334528117111701&store_num=		
GeoTracker Data:	Not Reported		

K38
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005351**

State Well #:	05S03W11D001S	Station ID:	6311
Well Name:	Not Reported	Basin Name:	San Jacinto
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M39
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137922**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W03N001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19930928	Well Depth:	577.8
Well Depth Units:	ft	Well Hole Depth:	865
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	3	Level reading date:	1995-09-13
Feet below surface:	91.92	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-05-03	Feet below surface:	94.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-31	Feet below surface:	94.64
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92585	6	0

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

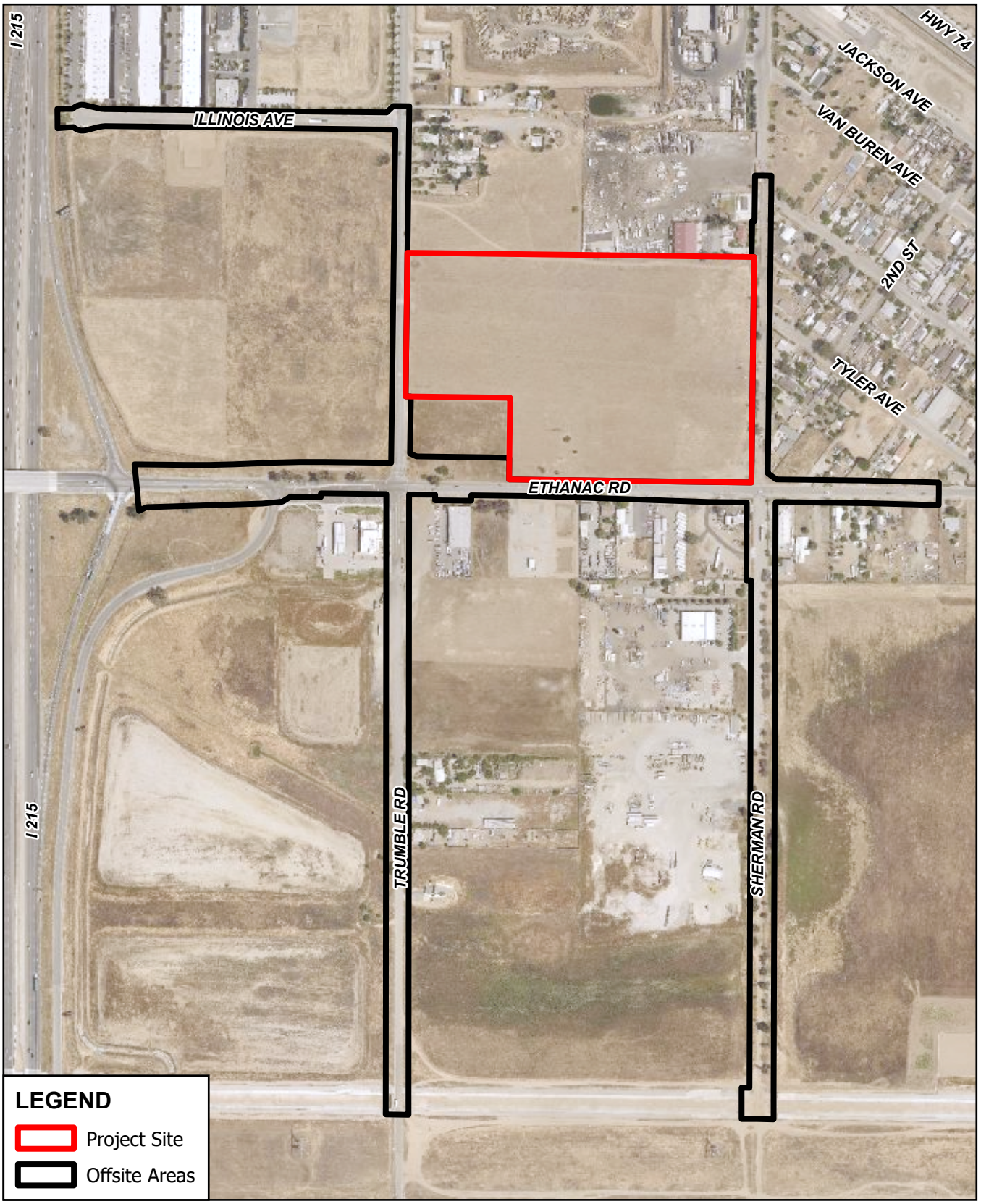
California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX C
User Provided Documents

DRAFT



H:\2022\22-0199\GIS\Pro\hillwood_offsite_projectsite\hillwood_offsite_projectsite.aprx; Map created 11 Jan 2023

Sources: Riverside County (imagery) 2020.

0 250 500 750 Feet

Project Boundary

Hillwood Warehouse at Ethanac Avenue and Trumble Road

ALBERT A. WEBB ASSOCIATES

APPENDIX D
Regulatory Records

DRAFT

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
1521 Beaver Tan Court | Wake Forest, NC 27587
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

November 17, 2022

Project Name: Romoland/Menifee

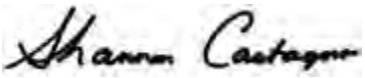
Geosyntec Consultants
2355 Northside Drive, Suite 250
San Diego, CA 92108

Attention: Jackie Hyman

Dear Ms. Hyman

Attached is the Environmental (Hazardous/Toxic Waste) Records Search Summary of the 27278 Ethanac Road and 1892 Ethanac Road ("Romoland/Menifee") site located in Romoland/Menifee, California. Environmental Support Services ("**ESS**") received the request on November 3, 2022 (See Appendix A). Should you have any questions regarding the summary, please call.

Sincerely,
Environmental Support Services



Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

Records Search Summary

Company:	Geosyntec Consultants
Project Name:	Romoland/Menifee
Attention:	Jackie Hyman
Street Address of Property:	27278 Ethanac Road and 1892 Ethanac Road Romoland, Menifee, CA 92585 APNs 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027

Riverside County Environmental Health Department

E-mailed request: 11-4-22, Contact: Public Records Section

ESS submitted a request for a records search concerning the Romoland/Menifee site to the Public Records Section, with the Riverside County Environmental Health Department (See Appendix B). **ESS** requested information concerning the utilization, manufacture, storage and/or discharge of hazardous materials/waste, and any information concerning previous or on-going site investigations/remediations pertaining to hazardous materials/waste. As of November 17, 2022, the Public Records Section had not completed **ESS'** request. Should any information concerning the site surface, **ESS** will immediately forward it to Ms. Hyman at the Geosyntec Consultants office.

Department of Toxic Substances Control (DTSC) – Cypress Office

E-mailed request: 11-4-22, Contact: Julie Chandler/Jone Barrio

Previous contacts with the DTSC have disclosed that this office only collects and stores information (such as treatment, storage and disposal of hazardous waste) concerning sites which have existing businesses, industries, etc. present. **ESS** requested that Ms. Chandler/Ms. Barrio, with the DTSC, check the file room records for any files/information concerning 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix C). Ms. Chandler, with that department informed **ESS** on November 9, 2022 that her department had no files/information concerning that site (See Appendix C).

Department of Toxic Substances Control (DTSC) – Chatsworth Office

E-mailed request: 11-4-22, Contact: Robert Hardison

Previous contacts with the DTSC have disclosed that this office only collects and stores information (such as treatment, storage and disposal of hazardous waste) concerning sites which have existing businesses, industries, etc. present. **ESS** requested that Mr. Hardison, with the DTSC, check the file room records for any files/information concerning 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix D). Roya Riahi Nejad, with that department informed **ESS** on November 9, 2022 that her department had no files/information concerning that site (See Appendix D).

Cal Fire - Office of the State Fire Marshal

On-line request: 11-4-22, Contact: Public Records Section

ESS requested that the Public Records Section, with Cal Fire - Office of the State Fire Marshal, check their records concerning the storage of hazardous materials/waste, pipelines and underground storage tanks with regards to the following: 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix E) Shilo Wilson, with that department informed **ESS** November 10, 2022 that her department had no records for 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix E).

Riverside County Fire Department – Fire Prevention

Previous communications with the Riverside County Fire Department have disclosed that records concerning the storage of hazardous materials/waste, hazardous spills and underground storage tanks would be kept with the Riverside County Environmental Health Department (See Above).

Riverside County Building Department

Online request: 11-4-22, Contact: Public Records Section

ESS requested the Public Records Section, with the Riverside County Building Department, provide the building records (all building permits and certificates of occupancy) for 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix F). Dan, with that department provided **ESS** November 7, 2022 with all the available records for the addresses (See Appendix F for copies). No further information concerning the site was obtained from the building department at the time of the investigation.

South Coast Air Quality Management District (SCAQMD)

On-line request: 11-4-22, Contact: Public Records Section

ESS submitted a search request concerning active, inactive and sold files 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA to the Public Records Section at the SCAQMD (See Appendix G). Michelle Card, with that department informed **ESS** on November 10, 2022 that her department had no records for 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix G).

Regional Water Quality Control Board (RWQCB) – Santa Ana Region

E-mailed request: 11-4-22, Contact: Public Records Section

ESS requested that the Public Records Section, with the RWQCB, provide the files for 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix H). They informed **ESS** November 14, 2022 that their department had no records for 27278 Ethanac Road and 1892 Ethanac Road, Romoland/Menifee, CA (See Appendix H). No further information concerning the site was obtained from the RWQCB at the time of the investigation.

Records Search completed by:



Shannon Castagno
Project Manager
Environmental Support Services

The information provided in this report was obtained by a comprehensive examination of public records, public information and public servant communications. The degree of care performed by **ESS** is equivalent to that exercised by environmental companies performing similar records searches.

Appendix A

Environmental (Hazardous/Toxic Waste) Records Search
Order Form

shannon environmentalsupportservices.com

From: Jackie Hyman <JHyman@Geosyntec.com>
Sent: Thursday, November 3, 2022 5:15 PM
To: shannon environmentalsupportservices.com
Subject: Records Request - Menifee, CA
Attachments: Property Boundary.JPG

Hello Shannon,

Can you please provide a quote for requesting records for the property at 27278 Ethanac Road and 1892 Ethanac Road, Menifee (unincorporated Riverside County)?

APNs for the property include: 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027.

Thanks,

Jackie Hyman
Professional
Geosyntec Consultants, Inc.
2355 Northside Drive, Suite 250
San Diego, CA 92108
Office: 626.788.4703
Mobile: 626.609.9525

GEOSYNTEC | SIREM | SAVRON

Follow Us – LinkedIn | Twitter | Facebook | YouTube

Trumble Rd
Trumble Rd
Trumble Rd
Sherman Rd
Sherman Rd
Tyler Ave
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Trumble Rd
Sherman Rd

Trumble Rd
Trumble Rd
Trumble Rd
Sherman Rd
Sherman Rd
Tyler Ave
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Trumble Rd
Sherman Rd

Appendix B

Request for Records Search to the
Riverside County Environmental Health Department

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH
www.rivcoeh.org

REQUEST FOR RECORDS

To help expedite your request, mark the program for which you are requesting records (Call 951-358-5172 if you are uncertain):

☒ Hazardous Materials / Underground Storage Tanks
☐ Land Use / Water Resources / Body Art / Medical Waste / Solid Waste
☐ Food facility / Public Pools and Water Features / Retail Tobacco

- Requests will be responded to within ten (10) business days per California Government Code, sections 6253 and 6256.
- Pursuant to California Government Code section 6254 (f), records of pending investigations and informants' names, addresses, and telephone numbers will not be released.
- **This form is for acquisition of any existing records. Any consultation in reference to these records may be subject to a consultation fee (pursuant to Riverside County Ordinance 640).**
- For access to electronic records available online, visit the public information section at www.rivcoeh.org for more details.

NAME OF REQUESTING PARTY: Shannon Castagno	DATE OF REQUEST: 11/04/22	
BUSINESS NAME (IF ANY): Environmental Support Services	TELEPHONE NUMBER: ( ) (949) 429-3564	
RETURN LEGAL MAILING ADDRESS: 1521 Beaver Tan Court	EMAIL ADDRESS: Shannon@EnvironmentalSupportServices.com	
CITY: Wake Forest	STATE: NC	ZIP: 27587

The following information is required. **List each street address separately.**

INFORMATION REQUESTED: Hazardous Materials & Underground Storage Tanks	PERIOD OF TIME TO BE RESEARCHED (If applicable)	
	FROM: 01/01/1900	TO: 11/04/2022
SITE STREET ADDRESS (1): 27278 Ethanac Road and 1892 Ethanac Road	CITY: Romoland, Menifee,	
SITE STREET ADDRESS (2): (See Attached Map)	CITY: Ca 92585	
SITE STREET ADDRESS (3):	CITY:	
SITE STREET ADDRESS (4):	CITY:	
SITE STREET ADDRESS (5):	CITY:	
SITE STREET ADDRESS (6):	CITY:	
APN (**For Land Use and Water Resources ONLY**):		

Email this completed form to:

Land Use/Water Resources: landuserecords@rivco.org
Hazardous Materials: DEHRecordsMgmt@rivco.org
All other programs: dehwebmaster@rivco.org

To mail this form, go to http://rivcoeh.org/Contactus for the address of the DEH office closest to the requested location(s).

Duplication costs for records researched and duplicated must be paid upon receipt of records.

FOR OFFICE USE ONLY

COST OF REPRODUCTION: $_____	EACH ADDITIONAL PAGE: $_____	TOTAL: $_____
REVIEWED BY	TITLE	
RECORDS RECEIVED BY	DATE	

*** IF RECORD REQUEST IS MADE USING ALTERNATE METHOD AND NOT THIS FORM, ATTACH A COPY OF REQUEST TO THIS FORM.**

For our office locations call us at (888) 722-4234 or visit our website at www.rivcoeh.org

Trumble Rd
Trumble Rd
Trumble Rd
Sherman Rd
Sherman Rd
Tyler Ave
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Ethanac Rd
Trumble Rd
Sherman Rd

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

JEFF JOHNSON, DIRECTOR

Records Request Acknowledgement Letter

November 4, 2022

Request No: **56449**

Request Date: **11/04/2022**

Enviromental Support Services
Shannon Castagno
1521 Beaver Tan Court
Wake Forest, NC 27587

Re: **1892, 27278 Ethanac Road, Romoland**

We have received your request for records and a search of our files is being processed.

Once the research is completed, you will be notified regarding the outcome.

Note: Riverside County Environmental Health began storing records for the Hazardous Materials Management Division in 1986. Records for disclosure information in the cities of Corona and Riverside may need to be directed to the local City Fire Department. They can be reached at 951-736-2220 (Corona) and 951-826-5737 (Riverside).

Please feel free to use the following contact information to reach out to us with any questions:

Riverside County Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Dr., Rm. 104
Riverside, CA 92503
Telephone: 951-358-5055 Fax: 951-358-5017

Additional information can be found on our website at **www.rivcoeh.org**

Appendix C

Request for Records Search to the
Department of Toxic Substances Control - Cypress Office and
Response Obtained from that Agency

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
1521 Beaver Tan Court | Wake Forest, NC 27587
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

November 4, 2022

Dept of Toxic Substances Control
Cypress Office
5796 Corporate Avenue
Cypress, CA 90630

Attention: Julie Chandler/Jone Barrio

Dear Julie/Jone,

Please check for any files/information on the following site:

Site: 27278 Ethanac Road and 1892 Ethanac Road
Romoland, Menifee, CA 92585
APNs 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027

Sincerely,
Environmental Support Services



Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

Department of Toxic Substances Control

Yana Garcia
Secretary for
Environmental Protection

Meredith Williams, Ph.D.
Director
5796 Corporate Avenue
Cypress, California 90630

Gavin Newsom
Governor

November 9, 2022

Shannon Castagno
ENVIRONMENTAL SUPPORT SERVICES
shannon@environmentalsupportservices.com

PR4-110422-01
27278 ETHANAC ROAD AND 1892 ETHANAC ROAD ROMOLAND, MENIFEE, CA
12 APNs

Dear Requestor:

We have received your Public Records Act Request from the Department of Toxic Substances Control (DTSC). After a thorough review of our files, no site records were found pertaining to the sites/facilities referenced above.

A large number of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs Data Management System. It tracks our cleanup, permitting, enforcement and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 714-4845337 or via email at CypressFileRoom@dtsc.ca.gov.

Sincerely,

Julie Chandler
Julie Chandler
Regional Records Coordinator

Appendix D

Request for Records Search to the
Department of Toxic Substances Control - Chatsworth Office and
Response Obtained from that Agency

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
1521 Beaver Tan Court | Wake Forest, NC 27587
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

November 4, 2022

Dept of Toxic Substances Control
Chatsworth Office
9211 Oakdale Avenue
Chatsworth, CA

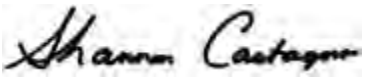
Attention: Robert Hardison

Dear Robert,

Please check for any files/information on the following site:

Site: 27278 Ethanac Road and 1892 Ethanac Road
Romoland, Menifee, CA 92585
APNs 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027

Sincerely,
Environmental Support Services



Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
9211 Oakdale Avenue
Chatsworth, California 91311

Yana Garcia
Secretary for
Environmental Protection

Gavin Newsom
Governor

November 9, 2022

Shannon Castagno
Environmental Support Services
Shannon@EnvironmentalSupportServices.com

Public Records Request Number: PR3-110422-05

Locations: 27278 & 1892 Ethanac Rd, Romoland/ Menifee, CA 92585

APNs: 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023,329240024, 329240025, 329240026, 329240027

Dear Ms. Castagno:

On November 4, 2022, the Department of Toxic Substances Control (DTSC) received your email of the same date requesting records under the Public Records Act. After a thorough review of our files, no site records were found pertaining to the sites/facilities referenced above.

Many of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSC's data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You will find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions or would like further information regarding your request, please contact me at 747-249-1019 or via email at ChatsworthFileRoom@dtsc.ca.gov.

Sincerely,
Roya Riahi Nejad
Roya Riahi Nejad
Records Mgmt. Asst. Coordinator

Appendix E

Request for Records Search to the
Cal Fire – Office of the State Fire Marshal and
Response Obtained from that Agency

shannon environmentalsupportservices.com

From: CALFIRE PRA Records Center <calfire@govqa.us>
Sent: Friday, November 4, 2022 9:55 AM
To: shannon environmentalsupportservices.com
Subject: Public Records Request :: R005798-110422

RE: PUBLIC RECORDS REQUEST of 11/4/2022, Reference # R005798-110422

Dear Shannon Castagno,
Thank you for your interest in public records of CAL FIRE. Your request has been received and is being processed in accordance with the California Public Records Act, Government Code section 6250 et seq. Your request was received on November 04, 2022 and given the reference number R005798-110422 for tracking purposes.

Records Requested: Site: 27278 Ethanac Road and 1892 Ethanac Road Romoland, Menifee, CA 92585 APNs 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027. ESS requests the following information concerning the subject site which your agency may have on file: 1. utilization, manufacture, storage, or discharge of hazardous materials/waste. 2. previous or on-going site investigations/remediations pertaining to hazardous materials/waste. 3. hazardous materials disclosures concerning the site. 4. pipelines. 5. information regarding underground storage tank present or previously found at the site. 6. Reportable Spills, Releases, Notices of Violations (NOVs) and any Environmental Reportable Issues.

Your request will be forwarded to the relevant CAL FIRE department(s) to locate the information you seek and to determine the volume and any costs that may be associated with satisfying your request. You will be contacted about the availability and/or provided with copies of the records in question. PLEASE NOTE: The California Public Records Act does not require a governmental body to create new information, to do legal research, or to answer questions.

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed.

CAL FIRE

To monitor the progress or update this request please log into CAL FIRE Records Center

Powered by GovQA

shannon environmentalsupportservices.com

From: CALFIRE PRA Records Center <calfire@govqa.us>
Sent: Thursday, November 10, 2022 1:45 PM
To: shannon environmentalsupportservices.com
Subject: [Records Center] Public Records Request :: R005798-110422

--- Please respond above this line ---

RE: PUBLIC RECORDS REQUEST of November 04, 2022, Reference # R005798-110422

Dear Shannon Castagno,

CAL FIRE received a public information request from you on November 04, 2022. Your request mentioned:

"Site: 27278 Ethanac Road and 1892 Ethanac Road
Romoland, Menifee, CA 92585
APNs 329240016, 329240017, 329240018, 329240019, 329240020,
329240021, 329240022, 329240023, 329240024, 329240025,
329240026, and 329240027.
ESS requests the following information concerning the subject site which your agency may have on file: 1. utilization, manufacture, storage, or discharge of hazardous materials/waste. 2. previous or on-going site investigations/remediations pertaining to hazardous materials/waste. 3. hazardous materials disclosures concerning the site. 4. pipelines. 5. information regarding underground storage tank present or previously found at the site. 6. Reportable Spills, Releases, Notices of Violations (NOVs) and any Environmental Reportable Issues."

CAL FIRE has reviewed its files and has determined there are no responsive documents to your request.

We recommend that you contact your local county fire department or other local responsibility area responder for potential records.

If you have any questions or need additional information, you can manage your request through the CAL FIRE PRA Records Center.

Sincerely,
Shilo Wilson
Public Records Act Analyst
Sacramento - HQ - Legal Office

To monitor the progress or update this request please log into the CAL FIRE PRA Records Center

Appendix F

Request for Records Search to the
Riverside County Building Department and
Response and Photocopies Obtained from that Agency

shannon environmentalsupportservices.com

From: SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM
Sent: Friday, November 4, 2022 9:44 AM
To: Records@rivco.org
Cc: shannon environmentalsupportservices.com
Subject: Building and Safety Records Request

Requestor's Name:	Shannon Castagno
Company:	Environmental Support Services
Requestor's Phone No (format example 951-000-0000):	9494293564
Current Mailing Address:	1521 Beaver Tan Court
City:	Wake Forest
State:	North Carolina
Zip:	27587
E-Mail:	SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM
ADDRESS TO BE RESEARCHED:	27278 Ethanac Road and 1892 Ethanac Road, Romoland, Menifee, CA 92585
ASSESSOR'S PARCEL NUMBER (APN) (format example 123-456-789):	329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027
Year Built:	unknown
REQUESTING ALL PERMITS:	Yes
If not please specify type of permit(s) below:	Site: 27278 Ethanac Road and 1892 Ethanac Road, Romoland, Menifee, CA 92585 APNs: 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027
Additional Comments:	

shannon environmentalsupportservices.com

From: Records <records@RIVCO.ORG>
Sent: Monday, November 7, 2022 5:01 PM
To: shannon environmentalsupportservices.com
Subject: RE: Building and Safety Records Request
Attachments: 604034_DEMO SEPTIC_CONN SWR.pdf; BZ130966_CONVT TO NAT GAS.pdf

Hello Shannon,

Your requested records are attached.

If you have any questions contact us at (951) 955-2017 or with a reply email.

Thank you,

Dan

County of Riverside
Transportation and Land Management Agency
Records And Information Management
(951) 955-2017
records@rivco.org

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From: SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM <SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM>
Sent: Friday, November 4, 2022 6:44 AM
To: Records <records@RIVCO.ORG>
Cc: SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM
Subject: Building and Safety Records Request

Requestor's Name: Shannon Castagno

Company:	Environmental Support Services
Requestor's Phone No (format example 951-000-0000):	9494293564
Current Mailing Address:	1521 Beaver Tan Court
City:	Wake Forest
State:	North Carolina
Zip:	27587
E-Mail:	SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM
ADDRESS TO BE RESEARCHED:	27278 Ethanac Road and 1892 Ethanac Road, Romoland, Menifee, CA 92585
ASSESSOR'S PARCEL NUMBER (APN) (format example 123-456-789):	329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027
Year Built:	unknown
REQUESTING ALL PERMITS:	Yes
If not please specify type of permit(s) below:	Site: 27278 Ethanac Road and 1892 Ethanac Road, Romoland, Menifee, CA 92585 APNs: 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027
Additional Comments:	

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County of Riverside California

shannon environmentalsupportservices.com

From: Records <records@RIVCO.ORG>
Sent: Monday, November 7, 2022 4:47 PM
To: shannon environmentalsupportservices.com
Subject: RE: Building and Safety Records Request

Hello Shannon,

We have completed our research of your requested addresses/APNs and have found the following records:

329-240-021 27278 Ethanac
283236 DEMO SEPTIC/CONNECT TO SEWER
BZ130866 CONVERT TO NATURAL GAS

If you would like to purchase copies of these records, we can either call you and have you pay with one of our cashiers over the phone or you can pay online. I'll include the instructions below. The total will be $8.50. If you choose to pay online, please be sure to reply and let us know that you've created an account through our plus online website so that we can send you your invoice#. Once you've paid, we will send you the permit records by email.

How to open an account through Plus Online for invoice payment:

Go to www.rctlma.org
Click on the Plus Online icon



Then click on "Login or Register"
If you are new to Plus Online, you may create an account by choosing "Register"
You will enter your email first. Be sure to verify your email by opening your email account, locating the registration email and choosing "confirm" at the end of your email.
Next, the system will try and match your email with any existing contact information. If it is correct, you may click "continue". If there is no match, click "Register".
Lastly, fill out your contact information making sure to complete all fields.
Once you have completed your account, call us so that we can invoice your account.

For more detailed instructions, click on this link: https://rctlma.org/Portals/8/How_To_Register.pdf?ver=2019-02-20-133121-273

If you have any questions contact us at (951) 955-2017 or with a reply email.

Thank you,

Dan

County of Riverside

Transportation and Land Management Agency
Records And Information Management
(951) 955-2017
records@rivco.org

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From: SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM <SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM>
Sent: Friday, November 4, 2022 6:44 AM
To: Records <records@RIVCO.ORG>
Cc: SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM
Subject: Building and Safety Records Request

Requestor's Name:	Shannon Castagno
Company:	Environmental Support Services
Requestor's Phone No (format example 951-000-0000):	9494293564
Current Mailing Address:	1521 Beaver Tan Court
City:	Wake Forest
State:	North Carolina
Zip:	27587
E-Mail:	SHANNON@ENVIRONMENTALSUPPORTSERVICES.COM
ADDRESS TO BE RESEARCHED:	27278 Ethanac Road and 1892 Ethanac Road, Romoland, Menifee, CA 92585
ASSESSOR'S PARCEL NUMBER (APN) (format example 123-456-789):	329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027
Year Built:	unknown
REQUESTING ALL PERMITS:	Yes
If not please specify type of permit(s) below:	Site: 27278 Ethanac Road and 1892 Ethanac Road, Romoland, Menifee, CA 92585 APNs: 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027

Additional Comments:

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County of Riverside California

PERMIT APPLICATION

County of Riverside Department of Building and Safety

4080 Lemon St. 2nd Floor Riverside, CA 92501 Ph: 787-8148	135 N. Alessandro Rd. Ste. 260 Beaumont, CA 92220 Ph: 845-7312	1370 S. State Street San Jacinto, Ca 92383 Ph: 654-7835	170 N. Milligrove Ave. Perris, CA 92570 Ph: 943-2881	45-555 Oasis St. Ste. 210 Indio, CA 92201 Ph: 342-8271	960 N. Broadway Blythe, CA 92225 Ph: 922-2670	27450 Ynez Rd. # 322 Temecula, CA 92390-2261 Ph: 676-7750

604034

This permit becomes void if work not commenced within 180 days from date of issuance. OR, if work has been suspended or abandoned for a period of 180 days.

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

Date _____ Contractor _____

☐ OWNER-BUILDER DECLARATION: I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5, Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500).):

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

☐ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License Law.)

☐ I am exempt under Sec. _____, B. & P.C. (Attach Certificate).

Date _____ Owner _____

WORKERS' COMPENSATION DECLARATION: I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Workers' Compensation Insurance, or a certified copy thereof (Sec. 3800, Lab. C.).

☐ Certified copy is hereby furnished.

☐ Certified copy is filed with the County Building Inspection Department or County _____ Department.

CERTIFICATE OF EXEMPTION FROM WORKERS' COMPENSATION INSURANCE: This section need not be completed if the permit is for one hundred ($100) or less. I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California.

Date _____ Applicant _____

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Workers' Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked.

DIVISION OF INDUSTRIAL SAFETY PERMIT CERTIFICATION:

☐ I hereby certify that no excavation five (5) or more feet in depth into which a person is required to descend, will be made in connection with work authorized by this permit, and that no building structure, scaffolding, falsework, or combination or elements thereof, will be more than thirty-six (36) feet high. (Chap. 3.2, Grp 2, Art 2, Section 341, Title 8, C.A.C.).

☐ As owner-builder, I will not employ anyone to do work which would require a permit from the Division of Industrial Safety, as noted above, unless such person has a permit to do such work from the division.

☐ Division of Industrial Safety Permit No. _____

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

Lender's Name _____

Lender's Address _____

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION OF ENTRY: I certify that I have read this application and state that the information given is correct. I agree to comply with all state laws and county ordinances relating to building construction, and authorize a representative of the County of Riverside, Department of Building and Safety to enter upon the property for which I have applied for this permit for the purpose of making inspections.

X Robert Byrns 5-7-90

Signature of Applicant or Agent — Date

Robert Byrns

Print Applicant/Agent Name

APPLICANT NAME (L,F,MI)
BYRNS, ROBERT P

ADDRESS
27278 ETHANAC

CITY/COMMUNITY/STATE/ZIP
ROMOLAND CA 92380

JOB SITE ADDRESS/SPACE
27278 ETHANAC

CITY/COMMUNITY/STATE/ZIP
ROMOLAND CA 92380

BOK	PAG	PRC	C	TWN	RNG	SE	S
329	240	021	3	005S	003W	10	0

TRACT	LOT	MOD	SB
-		99999	

TRACT NAME
ROMOLA FARMS 6A

OWNER NAME (L,F,MI) — PHONE #
BYRNS, ROBERT P

CONTRACTOR FIRM NAME — LICNC #
BYRNS ROBERT

ADDRESS
27278 ETHANAC

CITY/COMMUNITY/STATE/ZIP
ROMOLAND CA 92380

PHONE # — BLDG INSPECTOR — FINAL DATE
714-657-5384

ARC/ENG FIRM NAME — LICNC #

ADDRESS

CITY/COMMUNITY/STATE/ZIP

PHONE # — PLANS EXAMINER — APPROVE DATE

USE OF PERMIT
DEMO SEPTIC/CONN SEWER

BL	ZON	FSB	SSB	SSB	RSB		OFC
00							PER

ZONE ORD #		LOT SZ			END	SIDE
M-SC						

LOG # 00283236 — PS — DATE 05/07/90 — 604034

PLUMBING Per $60.00

CASH 100.00

60.00

40.00 CHANGE

TOTAL FEE : $60.00

CA	CK	NC	COUNTER BY	COUNTER LOT
X				

27278 ETHANAC

ROMOLAND CA 92380

0512

604034

PLUMBING

P L U M B I N G

		TOTAL FEE	60.00
		Permit Fee	45.00
		Processing Fee	15.00
MISCELLANEOUS	DEMO TANK 1	30.00 Misc Fee	30.00
1	BUILDING SEWER		15.0

FILE COPY

FORM 284-208 (1-87)

APPLICANT NAME (L.F.M.)
BYRNS, ROBERT P

ADDRESS
27278 ETHANAC

CITY/COMMUNITY/STATE/ZIP
ROMOLAND CA 92380

JOB SITE ADDRESS/SPACE
27278 ETHANAC

CITY/COMMUNITY/STATE/ZIP
ROMOLAND CA 92380

BOX	RNG	PRC	C		TWN	RNG	SE	S
329	240	021	3		005S	004W	16	0

TRACT	LOT	MOD	BB
		99999	

TRACT NAME
ROMOLA FARMS AA

OWNER NAME (L.F.M.)
BYRNS, ROBERT P

PHONE #

CONTRACTOR FIRM NAME
BYRNS ROBERT

LICNC #

ADDRESS
27278 ETHANAC

CITY/COMMUNITY/STATE/ZIP
ROMOLAND CA 92380

PHONE # 714-657-5384

BLDG INSPECTOR Webb

FINAL DATE 9-10-90

ARC/ENG FIRM NAME

LICNC #

ADDRESS

CITY/COMMUNITY/STATE/ZIP

PHONE #

PLANS EXAMINER

APPROVE DATE

USE OF PERMIT
DEMO SEPTIC/CONN SEWER

BL	ZON	FSB	SSB	SSB	RSB		OFC
020							

LOC # 002B323A

PB

DATE 05/02/90

604034

PLUMBING Pmt $40.00

CWLA 100.00 CK

60.00

40.00 CHANGE

TOTAL

Denied

604034

MISCELLANEOUS DEMO TANK 1

1 BUILDING SEWER

5-7-90 KT
INSPECTOR'S

FORM 284-208 (1-87)

F 397/103
9/-/90
mailed

NO.	OPERATION	DATE	INSPECTOR
	BUILDING APPROVALS		
1	Set Back		
2	Ftgs & Frms		
2A	Slab Grade		
3	Steel		
4	Grout Blocks		
5	Bond Beams		
6	Roof Deck		
7	Framing		
8	Vents		
9	Garage Fire Wall		
10	Fireplace P.L. ☐		
10A	Fireplace T.O. ☐		
11	Exterior Lath		
12	Internal Lath		
12A	Drywall		
13	Finish Grade		
	INSULATION / Thick / "R" Value		
7A	Walls (Batts)		
12B	Ceiling (Batts)		
12C	Ceiling (Blown)		
14	Final		
	PLUMBING APPROVALS		
15	Ground Plumb		
16	Water Piping		
17	Rough Plumb		
18	Vents		
19	Sewage Disposal – demo	9-10-90	Swebb
20	Sewer – Connect	5-16-90	Swebb
21	Water Heater		
22	Water Softener		
23	Water Service		
24	Gas Test		
25	Final	9-10-90	Swebb
	ELECTRICAL APPROVALS		
26	Power Pole		
27	Conduit		
28	Service Entrance		
29	Wiring		
29A	Grounding Wire		
29B	Bonding		
30	Fixtures		
31	Service		
32	Final		

NO.	OPERATION	DATE	INSPECTOR
	MECHANICAL APPROVALS		
33	Ventilation System		
34	Plenums & Ducts		
35	Furnace Compart.		
36	Inlets & Outlets		
37	Combustion Air		
38	Compressor		
39	Appl. Clearance		
40	Fire Damper		
41	Smoke Detection Device		
42	Commercial Hood		
43	Final		
OP'N NO.	**ADDITIONAL INFORMATION**		

SEWAGE SYSTEM SIZE & LOCATION

Tank Pit L.Line

REAR OF PROPERTY LINE

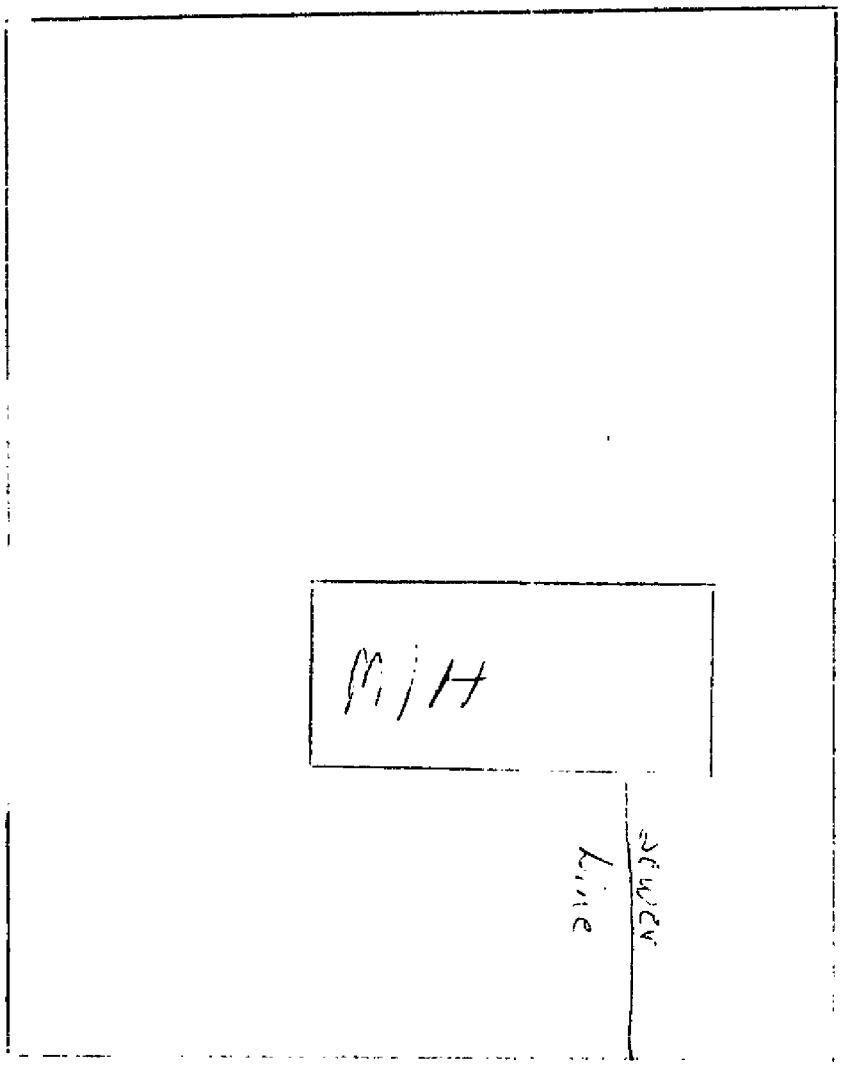
P/L P/L

STREET NAME

LAND USE APPROVAL

DATE: 5-7-90

BY: (Neighbors)



Department of Building and Safety

COUNTY OF RIVERSIDE .

TO: Owner Dist. Perris

ADDRESS: 27279 Ethanac Date 5-11-90

CORRECTION NOTICE

Permit No. 604034

① Section 806 (a)
reducing from 4" Clay to
3" ABS

R Baker

Inspector

DO NOT REMOVE FROM JOBSITE

284-205 (rev. 1/83) DISTRIBUTION: WHITE-Job, CANARY-Inspector, PINK-Office

Counter Permit Mock-Up Sheet

- [ ] Plan Check Only
- [ ] Plan Check & Permit
- [ ] Application *(only)*
- [x] Permit Only *(no plan check)*

- [ ] Electrical
- [x] Plumbing
  CONNECT TO SEWER
  DEMO SEPTIC TANK
- [ ] Mechanical

Other (specify)

Building

Desc _____ Group _____ Type _____
Area _____

Type of Payment

- [x] Cash
- [ ] Check _____ Check No.

284-58A 1/90

Signature, Building Inspector

DEPARTMENT OF BUILDING AND SAFETY

APPLICATION TO CONSTRUCT WORKSHEET

(Please Print)

LOG# 283236

Reference Log #

PROJECT INFORMATION

5 Property Owner's Name Last, Robert Byrns	First Robert	Mid. P		Date 5-7-90
6 Jobsite Address Number 27278	Street Name Ethanac		Rd / Ave St / etc.	Bldg #/ Space #
7 City/Community Romoland	State CA	Zip Code 92380	Assessor Parcel # 329240021-3	
8 Tract No./Tract Name/Parcel Map No				Lot/Parcel #

9 Permit Use : (Existing M/H 30 years) Connect to Sewer / Seal Tank

10 Are you grading more than 50 Cubic Yards? YES [ ] NO [X]

11 Is fill greater than 1 foot? YES [X] NO [X]

* * * DEPARTMENTAL USE ONLY * * *

1 Township 5S	Range 3W	Section 10	SBBM		LU Appl/Prmt No.	
2 Zone Class M-SC	Office Perr	SET BACKS Front	Side 1	Side 2	Rear	
3 Supv Dist No. 05	Community Dist	Lot Size / Acreage / Square ft.		Width 128	Depth 300	
4 School Dist # 12	Emp ID# – Land Use 01	Emp ID# – Bldg Inspector		Emp ID# – DTO		

APPLICANT / AGENT INFORMATION

(enter information if applicant is different from #5)

12 Last, Byrns	First Robert	Middle		
13 Number 27278	Street Name Ethanac	(mailing address)		
14 Community Romoland	State CA	Zip Code 92380	Phone # (714) 657-5384	

CONTRACTOR INFORMATION

15 *Are you the CONTRACTOR or OWNER/BUILDER ?* (circle one)

16 Firm Name Same as 5		Calif Contractor License #	Lic. Type
17 Number	Street Name		
18 Community	State	Zip Code	Phone # ( )
19 Workman's Comp. Carrier		Policy #	Ins. Expiration Date

284–199 Rev (12/89)

DEPARTMENT OF BUILDING & SAFETY
COUNTY OF RIVERSIDE

HEADQUARTERS

BUILDING INFORMATION

NEW ✓ | ENLARGE | RELOCATE | REMOVER
REPAIR | DEMOLISH | SPECIAL

OWNER | ARCHITECT | MEMBRANE
DRAFTSMAN | ENGINEER

WOOD | CONCRETE | FIREPLACE
CONCRETE | PIERS

FLOOR: BLOCK | FRAME | STUCCO | BRICK | CONC | METAL | OTHER

ROOF: PLASTER | DRY WALL | ROOF COVERING | NO. RMS

ZONE: M-2 | SCHOOL | CHECK'D BY: RNG | VARIANCE APPROVED

SET BACK: FRONT 20 | SIDE 10 | REAR 10 | LOT SIZE 3K

1st Fl. _____ Sq. Ft. @
2nd Fl. _____ Sq. Ft. @
Par. _____ Sq. Ft. @
Gar. _____ Sq. Ft. @
Car P. _____ Sq. Ft. @
Wall _____ Sq. Ft. @
_____ Sq. Ft. @

ESTIMATED VALUATION $

PLANS CHECKED BY | FEE $

ELECTRICAL FEES

NO. 05505 * 3110946 6 — SIL 3.50

SIGNS
TRANS. AND/OR L. SW.
MOTOR H.P.
MOTOR H.P.
MOTOR H.P.
MOTOR H.P.
MOTOR H.P.
FIXTURES
OUTLETS
RANGE AND/OR OVEN
WATER HEATER
SPACE HEATER
CONSTRUCTION FEE
SERVICE ENTRANCE
RESID. 1¢ SQ. FT.
GARAGE ½¢ SQ. FT.
PERMIT FEE

PLANS CHECKED BY | FEE $

PLUMBING FEES

NO.

DRAINAGE PIPING
DRINKING FOUNTAIN
VENTS
WATER PIPING
FLOOR DRAIN
WATER SOFTENER
WASHER (AUTO) (DISH)
GARBAGE DISPOSAL
LAUNDRY TRAY
KITCHEN SINK
WATER CLOSET
LAVATORY
SHOWER
BATH TUB
WATER HEATER
SEWAGE DISPOSAL
HOUSE SEWER
GAS PIPING 1 50
PERMIT FEE 2 50

PLANS CHECKED BY | FEE $ 3 50

PLAN CHECK FEE	$
CONSTRUCTION FEE	$
ELECTRICAL FEE	$
PLUMBING FEE	$ 3 50
TOTAL FEE	$ 3 50

CASH | CHECK | M.O. | N.C.
RECEIVED [illegible] DATE 8-20-65

BATH HEATER KEPT IN THIS | LEACH LINE | GREASE PIT
Yes | No. FT. | Yes

REMARKS: 2-82

JOB ADDRESS 22278 Eucalyptus | OWNER Burns, Foot

COMMUNITY Romoland | SCHOOL DISTRICT Romoland | DATE 8-20-65

USE OF PERMIT Change Gas Piping to Heater Only | SUPPLEMENT TO PERMIT

DISTRICT	CODE AREA	F.C.	UNITS	VALUATION	OFFICE	PERMIT NUMBER
P	60	35	1	75 00	P	130966

DESCRIPTIVE ADDRESS | 'M' PERMIT NO.

LEGAL DESCRIPTION | BOND $ | PAID | CASH

GROUP	TYPE	FIRE ZONE	MAPS	MAP	PAGE	LINE	RELEASE BOND DATE

FINALED DATE | INSPECTOR | CERTIFICATE OF COMPLIANCE | CERT. SENT DATE

CONTRACTOR | PLAN FILE

LICENSE-TYPE

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 60 DAYS. CESSATION OF WORK FOR 120 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID. I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE LAWS OF RIVERSIDE COUNTY AND THE LAWS OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE AS REQUIRED BY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

OWNER Robert Gross | CONTRACTOR
MAILING ADD PO Box 163 | MAILING ADD
POST OFFICE Romoland | POST OFFICE
TEL. | BY | TEL. | BY

3

DEPARTMENT OF BUILDING & SAFETY
COUNTY OF RIVERSIDE

FIELD

BUILDING INFORMATION

NEW | ENLARGE | RELOCATE | REMETER
ALTER | REPAIR | DEMOLISH | SPECIAL

OWNER | ARCHITECT | MEMBRANE
SUBSTRUCTURE | ENGINEER

WOOD | CONCRETE | FIREPLACE
CONCRETE | PIERS

BLOCK | FRAME | STUCCO | BRICK | CONC | METAL | OTHER

PLASTER | DRY WALL | ROOF COVERING | SQ. FEET

ZONE: M-3 | ZONING CHECKED BY: [illegible] | VARIANCE APPROVED #

SET BACK | FRONT | SIDE | REAR | LOT SIZE: 2 AC

1st Fl. ____ Sq. Ft. ⓐ
2nd Fl. ____ Sq. Ft. ⓑ
Pav. ____ Sq. Ft. ⓒ
Gar. ____ Sq. Ft. ⓓ
Car P. ____ Sq. Ft. ⓔ
Wall ____ Sq. Ft. ⓕ
____ Sq. Ft. ⓖ

ESTIMATED VALUATION $

PLANS CHECKED BY | FEE $

ELECTRICAL FEES

NO.

SIGNS
TRANS. AMPS
MOTOR H.P.
MOTOR H.P.
MOTOR H.P.
MOTOR H.P.
MOTOR H.P.
FIXTURES
OUTLETS

SERVICE AMPS
GEN. OVERH.
WATER HEATER
SPACE HEATER
CONSTRUCTION POLE
SERVICE ENTRANCE
RESID. 10 SQ. FT.
GARAGE 1/2 SQ. FT.
PERMIT FEE

PLANS CHECKED BY | FEE $

PLUMBING FEES

NO.

DRAINAGE PIPING
DRINKING FOUNTAIN
URINAL
WATER PIPING
FLOOR DRAIN
WATER SOFTENER
WASHER (AUTO) (DISH)
GARBAGE DISPOSAL
LAUNDRY TRAY
KITCHEN SINK
WATER CLOSET
LAVATORY
SHOWER
BATH TUB
WATER HEATER
SEWAGE DISPOSAL
HOUSE SEWER
1 GAS PIPING 1/2 50
1 PERMIT FEE 3 50

PLANS CHECKER BY | FEE $

	$
PLAN CHECK FEE	$
CONSTRUCTION FEE	$
ELECTRICAL FEE	$
PLUMBING FEE	$ 3 50
TOTAL FEE	$ 3 50

CASH | CHECK | M.O. | N.C.

RECEIVED BY: [signature] | DATE: 9-20-65

WATER VOLUME SEPTIC TANK: ____ GAL. | LEACH LINE: ____ LIN. FT. | SEEPAGE PIT: ____ GAL.

REMARKS:

JOB ADDRESS: 27-278 [illegible] | OWNER: [illegible]

COMMUNITY: Romoland | SCHOOL DISTRICT: Romoland | DATE: 9-20-65

USE OF PERMIT: One 1 Family Dwelling | SUPPLEMENT TO PERMIT

DISTRICT	CODE AREA	P.C.	UNITS	VALUATION	OFFICE	PERMIT NUMBER
V	6r	35	1	75 00	P	130966

DESCRIPTIVE ADDRESS | "M" PERMIT NO.

LEGAL DESCRIPTION | BOND $ | BOND | CASH

GROUP	TYPE	FIRE ZONE	PCBK	MAP	PARC	LINE	RELEASE BOND DATE

FINALED DATE: 8-26-65 | INSPECTOR: Bogash | CERTIFICATE OF COMPLIANCE | CERT. SENT DATE

CONTRACTOR | PLAN FILE

LICENSE-TYPE | #

THIS PERMIT SHALL BECOME VOID IF WORK IS NOT COMMENCED WITHIN 90 DAYS, CESSATION OF WORK FOR 120 DAYS SHALL ALSO CAUSE PERMIT TO BECOME VOID.
I HEREBY AGREE THAT ALL WORK IN CONNECTION WITH THIS PERMIT WILL BE DONE IN ACCORDANCE WITH THE LAWS OF RIVERSIDE COUNTY AND THE STATE OF CALIFORNIA. I ALSO AGREE TO CARRY COMPENSATION INSURANCE UPON MY EMPLOYEES. COMPLIANCE WITH LAWS OF THE STATE OF CALIFORNIA COVERING CONTRACTORS IS ALSO GUARANTEED.

OWNER: [illegible] | CONTRACTOR

MAILING ADD: PO Box [illegible] | MAILING ADD

POST OFFICE: Romoland | POST OFFICE

TEL. ____ BY | TEL. ____ BY

3

APPROVALS		
	DATE	INSPECTOR
SET BACKS		
FND. FORMS		
REIN. STEEL		
BOND BEAM		
FRAMING		
VENTS		
ROOF DECK		
LATH EXT.		
LATH INT.		
FINAL		

BUILDING NOTICES

APPROVALS			
		DATE	INSPECTOR
TEMP. SERVICE POLE			
ROUGH	CONDUIT		
	SERVICE ENT.		
	WIRING		
FINAL	FIXTURES		
	SERVICE ENT.		
	GROUNDING		
UTIL. CO. NOTIF.			

ELECTRICAL NOTICES

APPROVALS			
		DATE	INSPECTOR
GROUND PLUMBING			
ROUGH PLUMBING			
SEWER			
SEWAGE DISPOSAL			
FINAL	GAS	8-4-65	Bryant
	WATER		
	FIXTURES		
UTIL. CO. NOTIF.		9-27-65	Bryant

PLUMBING NOTICES

BACK

FRONT

☐ PRIDE ☐ CORNER ☐ KEY

Appendix G

Request for Records Search to the
South Coast Air Quality Management District and
Response Obtained from that Agency

shannon environmentalsupportservices.com

From: PublicRecordsRequests@aqmd.gov
Sent: Friday, November 4, 2022 10:00 AM
To: shannon environmentalsupportservices.com
Subject: SCAQMD Public Records Request Submittal Acknowledgement



Shannon Castagno
Environmental Support Services
1521 Beaver Tan Court
Wake Forest, Nc 27587

RE: Request for Records
Request: Applications (APPLS), Complaints, Permits to Operate (P/O), Site Inspection Reports (I/R), Equipment List Report (EQL), Emissions Summary, Notices of Violation (NOV), Notices to Comply (N/C)

Facility ID:

Facility Name:

Address: 27278 ETHANAC ROAD

City: ROMOLAND, MENIFEE

Your request for records has been received by the Public Records Unit and will be assigned for processing. A Control Number will be issued for your request and should be referenced in all future communications and correspondence. **Within 10 days of our receipt of your request, we will send you an email letting you know if we have the requested records, and how long it will take to provide them. Please send any follow up emails to the staff member that sends this email, and reference the request number.**

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m.

Sincerely,

COLLEEN PAINE

For Colleen Paine
Public Records Coordinator

1415926

shannon environmentalsupportservices.com

From: PublicRecordsRequests@aqmd.gov
Sent: Friday, November 4, 2022 10:00 AM
To: shannon environmentalsupportservices.com
Subject: SCAQMD Public Records Request Submittal Acknowledgement



Shannon Castagno
Environmental Support Services
1521 Beaver Tan Court
Wake Forest, Nc 27587

RE: Request for Records
Request: Applications (APPLS), Complaints, Permits to Operate (P/O), Site Inspection Reports (I/R), Equipment List Report (EQL), Emissions Summary, Notices of Violation (NOV), Notices to Comply (N/C)

Facility ID:

Facility Name:

Address: 1892 ETHANAC ROAD

City: ROMOLAND, MENIFEE

Your request for records has been received by the Public Records Unit and will be assigned for processing. A Control Number will be issued for your request and should be referenced in all future communications and correspondence. **Within 10 days of our receipt of your request, we will send you an email letting you know if we have the requested records, and how long it will take to provide them. Please send any follow up emails to the staff member that sends this email, and reference the request number.**

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of 8:00 a.m. 4:30 p.m.

Sincerely,

COLLEEN PAINE

For Colleen Paine
Public Records Coordinator

1415927

shannon environmentalsupportservices.com

From: mcard@aqmd.gov
Sent: Thursday, November 10, 2022 11:10 AM
To: shannon environmentalsupportservices.com
Cc: ob_pr_support_docs@aqmd.gov
Subject: SCAQMD Public Records Request# 1415927, -- Completion Letter
Attachments: ATT00001.tif



Shannon Castagno

Environmental Support Services

1521 Beaver Tan Court

Wake Forest, Nc 27587

Ref: Request for Records; Control No. **1415927**, Received 11/4/2022

RE: APPL'S, P/O'S, EQL'S, NOV'S, N/C'S, COMPLAINTS, I/R'S & EMISSIONS SUM FOR 1892 ETHANAC RD, ROMOLAND, CA, FROM 1/1/1900-11/4/2022.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE REFERENCED FACILITY OR FACILITY SITE.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of **8:00 a.m.** and **4:30 p.m.**

Sincerely,

Michelle Card

For Colleen Paine

Public Records Coordinator

Information Management

shannon environmentalsupportservices.com

From: mcard@aqmd.gov
Sent: Thursday, November 10, 2022 11:10 AM
To: shannon environmentalsupportservices.com
Cc: ob_pr_support_docs@aqmd.gov
Subject: SCAQMD Public Records Request# 1415926, -- Completion Letter
Attachments: ATT00001.tif



Shannon Castagno

Environmental Support Services

1521 Beaver Tan Court

Wake Forest, Nc 27587

Ref: Request for Records; Control No. **1415926**, Received 11/4/2022

RE: APPL'S, P/O'S, EQL'S, NOV'S, N/C'S, COMPLAINTS, I/R'S & EMISSIONS SUM FOR 27278 ETHANAC RD, ROMOLAND, CA, FROM 1/1/1900-11/4/2022.

After a thorough search of this agency's records:

NO REQUESTED RECORDS WERE FOUND FOR THE ABOVE REFERENCED FACILITY OR FACILITY SITE.

Should you have any questions or need additional information, please do not hesitate to contact me at (909) 396-3700, Tuesday through Friday, between the hours of **8:00 a.m.** and **4:30 p.m.**

Sincerely,

Michelle Card

For Colleen Paine

Public Records Coordinator

Information Management

Appendix H

Request for Records Search to the
Regional Water Quality Control Board – Santa Ana Region and
Response Obtained from that Agency

Est. 1988

Environmental Support Services

Environmental Research & Due Diligence Compliance
1521 Beaver Tan Court | Wake Forest, NC 27587
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

November 4, 2022

Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Ste 500
Riverside, CA 92501

Attention: LUST/WIP/SLIC/Site Mitigation Divisions

Dear Public Records Request,

Please check for any files/information on the following sites:

Site: 27278 Ethanac Road and 1892 Ethanac Road
Romoland, Menifee, CA 92585
APNs 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240024, 329240025, 329240026, and 329240027

I would like to set up an appointment to review this file **as soon as possible**. Anything you can do to expedite this request would be greatly appreciated. Please call me at (949) 429-3564. Thanks!

Sincerely,
Environmental Support Services



Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

shannon environmentalsupportservices.com

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Monday, November 14, 2022 11:33 AM
To: shannon environmentalsupportservices.com
Subject: RE: New Public Records Request

Good morning,

After careful review of our records, we show we have no files for the following site(s):
27278 Ethanac Road and 1892 Ethanac Road
Romoland, Menifee, CA 92585

Unfortunately, we do not use APN numbers or cross streets to maintain our files. We only use facility names and/or physical address numbers to locate files. If you can provide a numerical address or facility name, we can carry out your request.

If we can be of further assistance, please do not hesitate to contact us again.

Thank you,
File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: shannon environmentalsupportservices.com <shannon@environmentalsupportservices.com>
Sent: Friday, November 4, 2022 6:46 AM
To: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Subject: New Public Records Request

EXTERNAL:

Est. 1988

Environmental Support Services
Environmental Research & Due Diligence Compliance
1521 Beaver Tan Court | Wake Forest, NC 27587
P) 949.429.3564 | F) 949.429.3563 | E) Shannon@EnvironmentalSupportServices.com
www.EnvironmentalSupportServices.com | EIN# 83-0533710

November 4, 2022

Regional Water Quality Control Board
Santa Ana Region
3737 Main Street, Ste 500
Riverside, CA 92501

Attention: LUST/WIP/SLIC/Site Mitigation Divisions

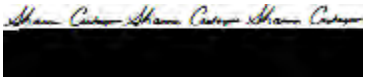
Dear Public Records Request,

Please check for any files/information on the following sites:

Site: 27278 Ethanac Road and 1892 Ethanac Road
Romoland, Menifee, CA 92585
APNs 329240016, 329240017, 329240018, 329240019, 329240020, 329240021, 329240022, 329240023, 329240

I would like to set up an appointment to review this file **as soon as possible**. Anything you can do to expedite this request would be greatly appreciated. Please call me at (949) 429-3564. Thanks!

Sincerely,
Support Services



Shannon Castagno
Project Manager
Shannon@EnvironmentalSupportServices.com

County of Riverside

DEPARTMENT OF ENVIRONMENTAL HEALTH

JEFF JOHNSON, DIRECTOR

RELEASE OF RECORDS RESPONSE

November 21, 2022

Service Request No: 56449

Enviromental Support Services
Shannon Castagno
1521 Beaver Tan Court
Wake Forest, NC 27587

Our office has completed the research regarding your Hazardous Materials Management records request.

NO RECORDS WERE FOUND FOR THE FOLLOWING SITE ADDRESS:

1892, 27278 Ethanac Road, Romoland

We have closed this service request.

Thank you.

Please feel free to use the following contact information to reach out to us with any questions:

Riverside County Department of Environmental Health
Hazardous Materials Management Division
4065 County Circle Dr., Rm. 104
Riverside, CA 92503
Telephone: 951-358-5055 Fax: 951-358-5017

Additional information can be found on our website at **www.rivcoeh.org**

APPENDIX E
Site Visit Photographs

DRAFT

GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 1

Date: 09 November 2022

Direction: North

Comments: View of ponding water from a recent rain event along the east boundary of the Site.



Photograph 2

Date: 09 November 2022

Direction: West

Comments: View of a dirt road leading east-west along the north Site boundary.



GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 3

Date: 09 November 2022

Direction: South

Comments: View of the east Site boundary from the northeast corner of the Site.



Photograph 4

Date: 09 November 2022

Direction: West

Comments: View of the central, western portion of the Site from the central area.



GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 5

Date: 09 November 2022

Direction: East

Comments: View of the south Site boundary from the central, southern portion of the Site. Typical view of debris along the Site boundaries.



Photograph 6

Date: 09 November 2022

Direction: N/A

Comments: View of an abandoned 12-inch steel pipe surrounded by concrete debris. The pipe is located in the southeast corner of the Site.



GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 7

Date: 09 November 2022

Direction: North

Comments: View along the western Site boundary from the central, western portion of the Site.



Photograph 8

Date: 09 November 2022

Direction: East

Comments: View of discarded tires, fencing debris, and refuse along the south Site boundary.



GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 9

Date: 09 November 2022

Direction: N/A

Comments: View of a concrete pad in the area of the former residential home along the south Site boundary. The former use of the pad could not be determined.



Photograph 10

Date: 09 November 2022

Direction: North

Comments: View of the adjoining commercial property to the north.



GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 11

Date: 09 November 2022

Direction: East

Comments: Typical view of residential properties located east of the Site.



Photograph 12

Date: 09 November 2022

Direction: Southeast

Comments: View of a tire/wheel supply and alignment shop at the adjoining property to the south.



GEOSYNTEC CONSULTANTS
Photographic Record

Client: Hillwood	**Project Number:** SC1229
Site Name: Ethanac Land Assemblage	**Site Location:** 1892 and 27278 Ethanac Road, Perris, CA

Photograph 13

Date: 09 November 2022

Direction: South

Comments: View of an automotive supply and smog inspection shop at the adjoining property to the south.



Photograph 14

Date: 09 November 2022

Direction: West

Comments: View of vacant land at the adjoining property to the west.



ALUC-C

Airport Land Use Commission Consistency Determination Letter dated June 8, 2023

RIVERSIDE COUNTY
AIRPORT LAND USE COMMISSION

June 8, 2023

Nathan Perez, Project Planner
City of Perris Planning Department
135 N. "D" Street
Perris CA 92570

CHAIR
Steve Manos
Lake Elsinore

VICE CHAIR
Russell Betts
Desert Hot Springs

COMMISSIONERS

John Lyon
Riverside

Steven Stewart
Palm Springs

Richard Stewart
Moreno Valley

Michael Geller
Riverside

Vernon Poole
Murrieta

STAFF

Director
Paul Rull

Simon A. Housman
Barbara Santos
Jackie Vega

County Administrative Center
4080 Lemon St., 14th Floor.
Riverside, CA 92501
(951) 955-5132

www.rcaluc.org

RE: AIRPORT LAND USE COMMISSION (ALUC) DEVELOPMENT REVIEW

File No.:	ZAP1570MA23
Related File Nos.:	GPA22-0532 (General Plan Amendment), ZC22-05327 (Change of Zone), DPR22-00030 (Development Plan Review), TPM22-05328 (Parcel Map)
Compatibility Zone:	Zone D
APNs:	329-240-016 thru 329-240-020, 329-240-023 thru 329-240-027

Dear Mr. Perez:

On June 8, 2023, the Riverside County Airport Land Use Commission (ALUC) found City of Perris Case Nos. GPA22-0532 (General Plan Amendment), ZC22-05327 (Change of Zone), DPR22-00030 (Development Plan Review), TPM22-05328 (Parcel Map), a proposal to construct a 412,348 square foot manufacturing building with mezzanines on 20 acres, located northerly of Ethanac Road, westerly of Sherman Road, and easterly of Trumble Road, and the applicant also proposes to amend the General Plan Land use designation and change the sites zoning from Commercial to Light Industrial, and also proposes merging eight existing parcels into one, **CONSISTENT** with the 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan, subject to the following conditions:

CONDITIONS:

1. Any new outdoor lighting that is installed shall be hooded or shielded so as to prevent either the spillage of lumens or reflection into the sky. Outdoor lighting shall be downward facing.

2. The following uses/activities are not included in the proposed project and shall be prohibited at this site:

   (a) Any use which would direct a steady light or flashing light of red, white, green, or amber colors associated with airport operations toward an aircraft engaged in an initial straight or circling climb following takeoff or toward an aircraft engaged in a straight or circling final approach toward a landing at an airport, other than a DoD or FAA-approved navigational signal light or visual approach slope indicator.

   (b) Any use which would cause sunlight to be reflected towards an aircraft engaged in an initial straight or circling climb following takeoff or towards an aircraft engaged in a straight or circling final approach towards a landing at an airport.

   (c) Any use which would generate smoke or water vapor, or which would attract large concentrations of birds, or which may otherwise affect safe air navigation within the area. (Such uses include landscaping utilizing water features, aquaculture, production of cereal grains, sunflower, and row crops, composting

operations, wastewater management facilities, artificial marshes, trash transfer stations that are open on one or more sides, recycling centers containing putrescible wastes, construction and demolition debris facilities, fly ash disposal, and incinerators.)

(d) Any use which would generate electrical interference that may be detrimental to the operation of aircraft and/or aircraft instrumentation.

(e) Hazards to flight

3. The attached notice shall be provided to all prospective purchasers of the property and tenants of the building, and shall be recorded as a deed notice.

4. Any proposed detention basins or facilities shall be designed and maintained to provide for a maximum 48-hour detention period following the design storm, and remain totally dry between rainfalls. Vegetation in and around the detention basins that would provide food or cover for birds would be incompatible with airport operations and shall not be utilized in project landscaping. Trees shall be spaced so as to prevent large expanses of contiguous canopy, when mature. Landscaping in and around the detention basin(s) shall not include trees or shrubs that produce seeds, fruits, or berries.

   Landscaping in the detention basin, if not rip-rap, should be in accordance with the guidance provided in ALUC "LANDSCAPING NEAR AIRPORTS" brochure, and the "AIRPORTS, WILDLIFE AND STORMWATER MANAGEMENT" brochure available at RCALUC.ORG which list acceptable plants from Riverside County Landscaping Guide or other alternative landscaping as may be recommended by a qualified wildlife hazard biologist.

   A notice sign, in a form similar to that attached hereto, shall be permanently affixed to the stormwater basin with the following language: "There is an airport nearby. This stormwater basin is designed to hold stormwater for only 48 hours and not attract birds. Proper maintenance is necessary to avoid bird strikes". The sign will also include the name, telephone number or other contact information of the person or entity responsible to monitor the stormwater basin.

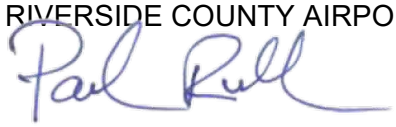
5. March Air Reserve Base must be notified of any land use having an electromagnetic radiation component to assess whether a potential conflict with Air Base radio communications could result. Sources of electromagnetic radiation include radio wave transmission in conjunction with remote equipment inclusive of irrigation controllers, access gates, etc.

6. The project has been evaluated to construct 412,348 square foot manufacturing building with mezzanines. Any increase in building area, change in use to any higher intensity use, change in building location, or modification of the tentative parcel map lot lines and areas will require an amended review to evaluate consistency with the ALUCP compatibility criteria**,** at the discretion of the ALUC Director.

Supporting documentation was provided to the Airport Land Use Commission and is available online at www.rcaluc.org, click Agendas 6-8-23 Agenda, Bookmark Agenda Item No. 3.1.

If you have any questions, please contact me at (951) 955-6893.

Sincerely,
RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION



Paul Rull, ALUC Director

Attachments: Notice of Airport in Vicinity

cc: Hillwood (applicant/property owner)
Albert A. Webb & Associates (representative)
Gary Gosliga, March Inland Port Airport Authority
Major. David Shaw, Base Civil Engineer, March Air Reserve Base
ALUC Case File

X:\AIRPORT CASE FILES\March\ZAP1570MA23\ZAP1570MA23.LTR.doc

NOTICE OF AIRPORT IN VICINITY

This property is presently located in the vicinity of an airport, within what is known as an airport influence area. For that reason, the property may be subject to some of the annoyances or inconveniences associated with proximity to airport operations (for example: noise, vibration, or odors). Individual sensitivities to those annoyances [can vary from person to person. You may wish to consider what airport annoyances], if any, are associated with the property before you complete your purchase and determine whether they are acceptable to you. Business & Professions Code Section 11010 (b)(13)(A)

NOTICE

THERE IS AN AIRPORT NEARBY.

THIS STORM WATER BASIN IS DESIGNED TO HOLD STORM WATER FOR ONLY 48 HOURS AND NOT TO ATTRACT BIRDS

PROPER MAINTENANCE IS NECESSARY TO AVOID BIRD STRIKES

RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION ALUC

IF THIS BASIN IS OVERGROWN, PLEASE CONTACT:

Name: _____ Phone: _____

ALUC-D

Airport Land Use Commission Consistency Determination Letter dated August 22, 2023

RIVERSIDE COUNTY
AIRPORT LAND USE COMMISSION

August 22, 2023

Nathan Perez, Project Planner
City of Perris Planning Department
135 N. D Street
Perris CA 92570-1906

CHAIR
Steve Manos
Lake Elsinore

VICE CHAIR
Russell Betts
Desert Hot Springs

COMMISSIONERS

John Lyon
Riverside

Steven Stewart
Palm Springs

Richard Stewart
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Michael Geller
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Director
Paul Rull

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County Administrative Center
4080 Lemon St.,14th Floor.
Riverside, CA 92501
(951) 955-5132

www.rcaluc.org

RE: AIRPORT LAND USE COMMISSION (ALUC) DEVELOPMENT REVIEW – DIRECTOR'S DETERMINATION

File No.:	ZAP1582MA23
Related File No.:	DPR22-00030 (Development Plan Review)
APN:	329-240-016 to 329-240-020, 329-240-023 to 329-240-027
Airport Zone:	Zone D

Dear Mr. Perez,

Under the delegation of the Riverside County Airport Land Use Commission (ALUC) pursuant to Policy 1.5.2(d) of the Countywide Policies of the 2004 Riverside County Airport Land Use Compatibility Plan, staff reviewed City of Perris Case No. DPR22-00030 (Development Plan Review), a proposal to revise ZAP1570MA23 removing a portion of the detention basin and adding 45 truck trailer spaces, located northerly of Ethanac Road, westerly of Sherman Road, and easterly of Trumble Road.

The site is located within Airport Compatibility Zone D of the March Air Reserve Base/Inland Port Airport Influence Area (AIA). Within Compatibility Zone D of the March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan, non-residential intensity is not restricted.

Although the project is located within the March Air Reserve Base/Inland Port Airport Influence Area, the nearest runway is actually Runway 15-33 at Perris Valley Airport. The elevation of Runway 15-33 at Perris Valley Airport is approximately 1,413 feet above mean sea level (AMSL) at its southerly terminus. At a distance of 10,854 feet from the project to the nearest point on the runway, Federal Aviation Administration Obstruction Evaluation Service (FAA OES) review would be required for any structures with an elevation at top of roof exceeding 1,522 feet AMSL. The site elevation is 1,433 feet AMSL, and the proposed building height is 52 feet, resulting in a top point elevation of 1,485 feet AMSL. Therefore, FAA OES review for height/elevation was not required.

As ALUC Director, I hereby find the above-referenced project **CONSISTENT** with the 2014 March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan, provided that the City of Perris applies the following recommended conditions:

CONDITIONS:

1. Any new outdoor lighting that is installed shall be hooded or shielded so as to prevent either the spillage of lumens or reflection into the sky. Outdoor lighting shall be downward facing.

2. The following uses/activities are not included in the proposed project and shall be prohibited at this site:

(a) Any use which would direct a steady light or flashing light of red, white, green, or amber colors associated with airport operations toward an aircraft engaged in an initial straight or circling climb following takeoff or toward an aircraft engaged in a straight or circling final approach toward a landing at an airport, other than a DoD or FAA-approved navigational signal light or visual approach slope indicator.

(b) Any use which would cause sunlight to be reflected towards an aircraft engaged in an initial straight or circling climb following takeoff or towards an aircraft engaged in a straight or circling final approach towards a landing at an airport.

(c) Any use which would generate smoke or water vapor, or which would attract large concentrations of birds, or which may otherwise affect safe air navigation within the area. (Such uses include landscaping utilizing water features, aquaculture, production of cereal grains, sunflower, and row crops, composting operations, wastewater management facilities, artificial marshes, trash transfer stations that are open on one or more sides, recycling centers containing putrescible wastes, construction and demolition debris facilities, fly ash disposal, and incinerators.)

(d) Any use which would generate electrical interference that may be detrimental to the operation of aircraft and/or aircraft instrumentation.

(e) Hazards to flight

3. The attached notice shall be provided to all prospective purchasers of the property and tenants of the building, and shall be recorded as a deed notice.

4. Any proposed detention basins or facilities shall be designed and maintained to provide for a maximum 48-hour detention period following the design storm, and remain totally dry between rainfalls. Vegetation in and around the detention basins that would provide food or cover for birds would be incompatible with airport operations and shall not be utilized in project landscaping. Trees shall be spaced so as to prevent large expanses of contiguous canopy, when mature. Landscaping in and around the detention basin(s) shall not include trees or shrubs that produce seeds, fruits, or berries.

   Landscaping in the detention basin, if not rip-rap, should be in accordance with the guidance provided in ALUC "LANDSCAPING NEAR AIRPORTS" brochure, and the "AIRPORTS, WILDLIFE AND STORMWATER MANAGEMENT" brochure available at RCALUC.ORG which list acceptable plants from Riverside County Landscaping Guide or other alternative landscaping as may be recommended by a qualified wildlife hazard biologist.

   A notice sign, in a form similar to that attached hereto, shall be permanently affixed to the stormwater basin with the following language: "There is an airport nearby. This stormwater basin is designed to hold stormwater for only 48 hours and not attract birds. Proper maintenance is necessary to avoid bird strikes". The sign will also include the name, telephone number or other contact information of the person or entity responsible to monitor the stormwater basin.

5. March Air Reserve Base must be notified of any land use having an electromagnetic radiation component to assess whether a potential conflict with Air Base radio communications could result. Sources of electromagnetic radiation include radio wave transmission in conjunction with remote equipment inclusive of irrigation controllers,

access gates, etc.

6. The project has been evaluated to revise ZAP1570MA23 removing a portion of the detention basin and adding 45 truck trailer spaces, change in use to any higher intensity use, change in building location, or modification of the tentative parcel map lot lines and areas will require an amended review to evaluate consistency with the ALUCP compatibility criteria**,** at the discretion of the ALUC Director.

If you have any questions, please contact me at (951) 955-6893.

Sincerely,
RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION



Paul Rull, ALUC Director

Attachments: Notice of Airport in Vicinity

cc: Hillwood (applicant/property owner)
Albert A. Webb & Associates (representative)
Gary Gosliga, March Inland Port Airport Authority
Major. David Shaw, Base Civil Engineer, March Air Reserve Base
ALUC Case File

X:\AIRPORT CASE FILES\March\ZAP1582MA23\ZAP1582MA23.LTR.doc

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PROPER MAINTENANCE IS NECESSARY TO AVOID BIRD STRIKES

RIVERSIDE COUNTY AIRPORT LAND USE COMMISSION ALUC

IF THIS BASIN IS OVERGROWN, PLEASE CONTACT:

Name: _____ Phone: _____

SAN BERNARDINO COUNTY

RIVERSIDE

MORENO VALLEY

PERRIS

UNINCORPORATED

UNINCORPORATED

PERRIS RESERVOIR

MATHEWS LAKE

Columbia Ave.
Chicago Ave.
Arlington Ave.
State Highway 91
Canyon Crest Dr.
Trautwein Rd.
Washington St.
Wood Rd.
Barton St.
El Sobrante Rd.
Cajalco Rd.
Gavilan Rd.
Clark St.
Old Elsinore Rd.
Frederic St.
State Highway 60
Eucalyptus Ave.
Alessandro Blvd.
Cactus Ave.
Heacock St.
Perris Blvd.
Lasselle St.
Van Buren Blvd.
Interstate 215
Davis Rd.
Dillman Springs Rd.
Ramona Expressway
Nuevo Rd.
San Jacinto Ave.
4th St.
Ellis Ave.
State Highway 74
Goetz Rd.
Ethanac Rd.

E
D
C1
C2
B1
B2
A
M
APZ II
APZ I
14,000'
7,500'
18,000'
1,000'
3,000'
15,000'
50,000'
75,000'
4,000'

1 2 3 4 5 6

* High Terrain Zone

LEGEND

Compatibility Zones

- Airport Influence Area Boundary
- Zone A
- Zone B1
- Zone B2
- Zone C1
- Zone C2
- Zone D
- Zone E
- Zone M
- High Terrain Zone
- FAR Part 77 Military Outer Horizontal Surface Limits
- FAR Part 77 Notification Area

Boundary Lines

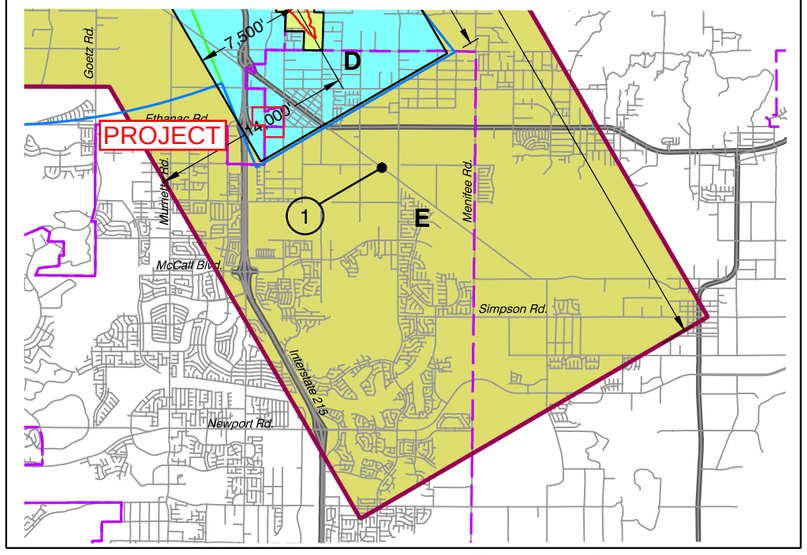
- March Air Reserve Base / Air Force Property
- March Joint Powers Authority Property Line
- County Boundary
- City Limits
- Site-Specific Exceptions (existing local agency commitments to development projects)

1. March JPA: March Business Center/Meridian
2. Perris: Harvest Landing
3. Perris: Park West
4. Moreno Valley: Affordable Housing
5. March JPA: Ben Clark Training Center
6. Riverside: Ridge Crest Subdivision

(1) Point at which aircraft on Runway 32 ILS approach descend below 3,000 feet above runway end. Airport Elevation is 1,535 feet MSL.

(2) Point at which departing aircraft typically reach 3,000 feet above runway end.

INSET



SEE INSET AT RIGHT

Note:
All dimensions are measured from runway ends and centerlines.

N

0 2 4 MILES

Base map source: County of Riverside 2013

Prepared by Mead & Hunt, Inc. (June 2013)

X:\18190-10\114627.01\TECH\CAD\MAR-compatibility2013.dwg Dec 10, 2014 - 1:38pm

Riverside County
Airport Land Use Commission

March Air Reserve Base / Inland Port Airport
Land Use Compatibility Plan

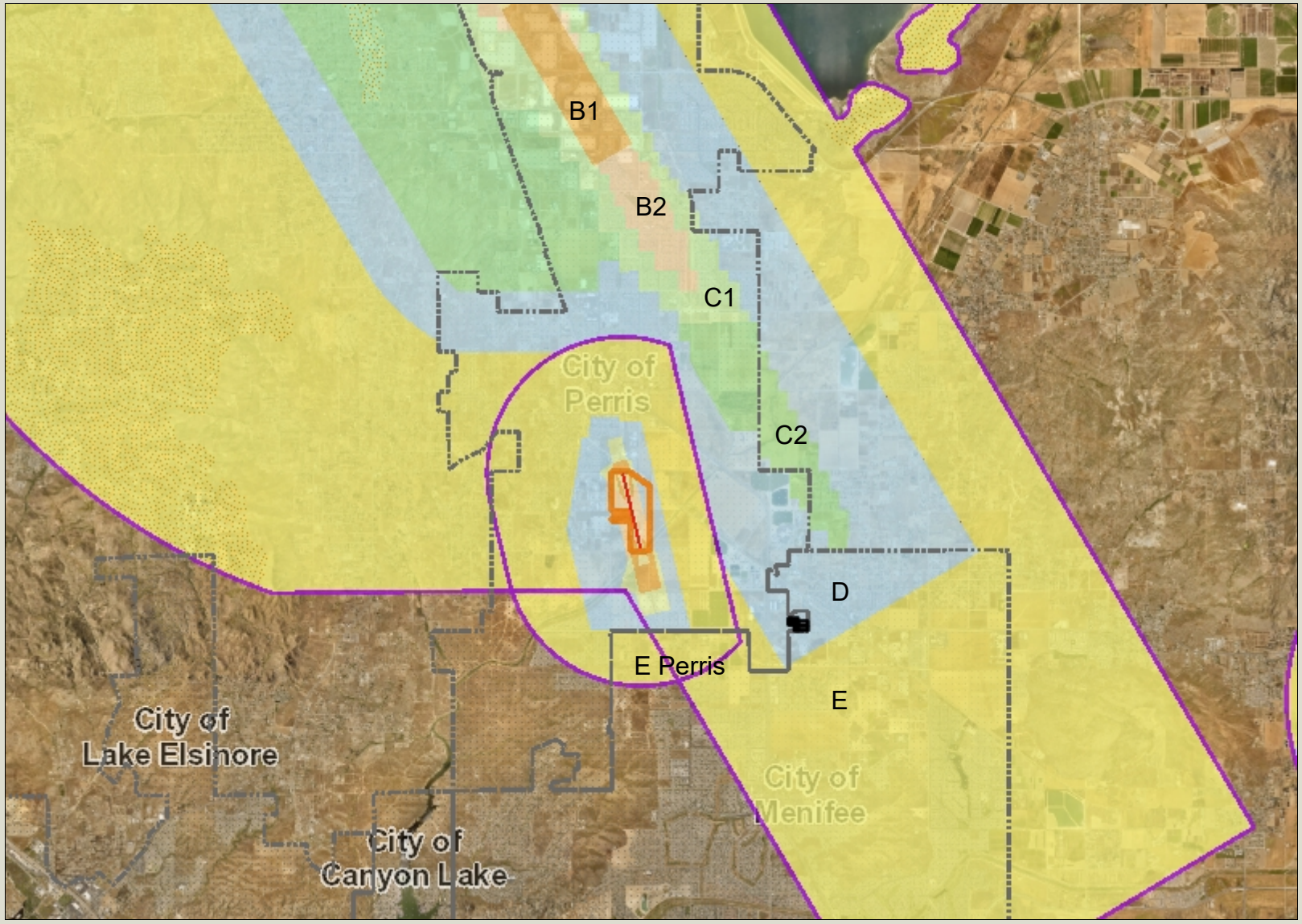
(Adopted November 13, 2014)

Map MA-1

Compatibility Map

March Air Reserve Base / Inland Port Airport

Map My County Map





Legend

- Runways
- Airports
- Airport Influence Areas
- Airport Compatibility Zones
  - OTHER COMPATIBILITY ZONE
  - A
  - A-EXC1
  - B1
  - B1-APZ I
  - B1-APZ I-EXC1
  - B1-APZ II
  - B1-APZ II-EXC1
  - B1-EXC1
  - B2
  - B2-EXC1
  - C
  - C1
  - C1-EXC1
  - C1-EXC3
  - C1-EXC4
  - C1-HIGHT
  - C2
  - C2-EXC1
  - C2-EXC2
  - C2-EXC3
  - C2-EXC5
  - C2-EXC6

0 12,314 24,629 Feet

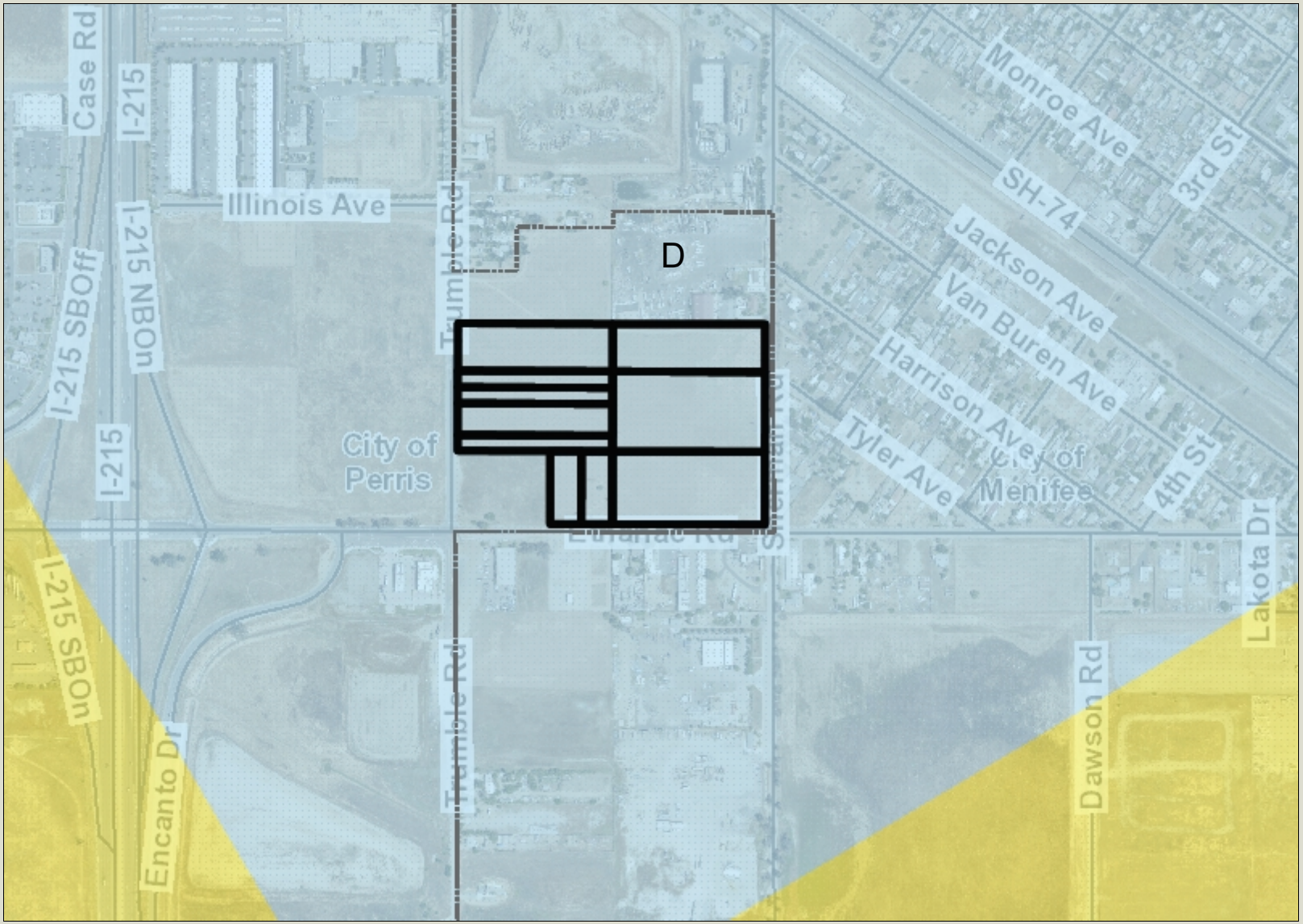
IMPORTANT Maps and data are to be used for reference purposes only. Map features are approximate, and are not necessarily accurate to surveying or engineering standards. The County of Riverside makes no warranty or guarantee as to the content (the source is often third party), accuracy, timeliness, or completeness of any of the data provided, and assumes no legal responsibility for the information contained on this map. Any use of this product with respect to accuracy and precision shall be the sole responsibility of the user.

REPORT PRINTED ON... 4/26/2023 10:02:06 AM

© Riverside County GIS

Notes

Map My County Map





Legend

- Runways
- Airports
- Airport Influence Areas
- Airport Compatibility Zones
  - OTHER COMPATIBILITY ZONE
  - A
  - A-EXC1
  - B1
  - B1-APZ I
  - B1-APZ I-EXC1
  - B1-APZ II
  - B1-APZ II-EXC1
  - B1-EXC1
  - B2
  - B2-EXC1
  - C
  - C1
  - C1-EXC1
  - C1-EXC3
  - C1-EXC4
  - C1-HIGHT
  - C2
  - C2-EXC1
  - C2-EXC2
  - C2-EXC3
  - C2-EXC5
  - C2-EXC6

0 770 1,539 Feet

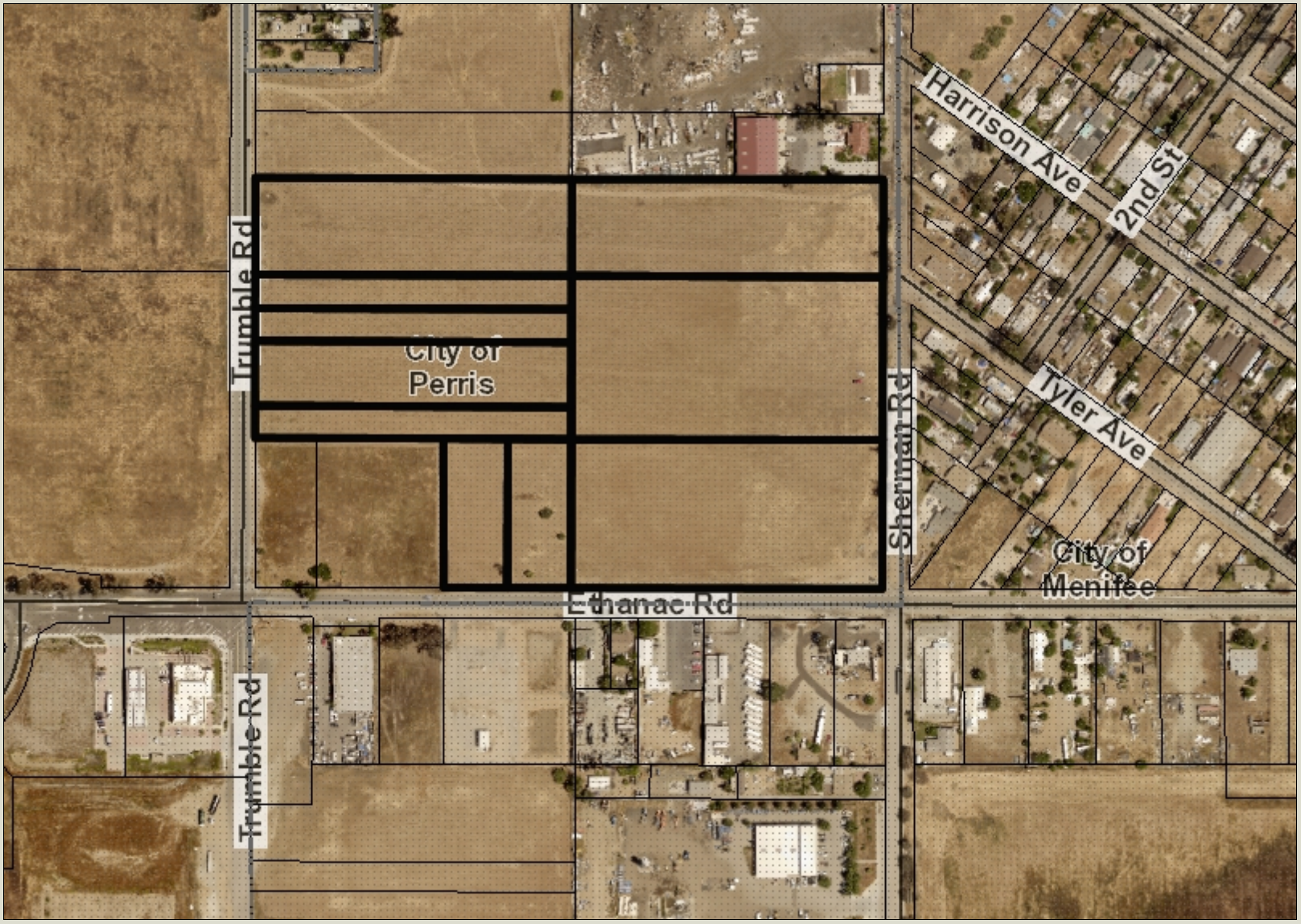
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Notes

Map My County Map





Legend

- Parcels
- County Centerline Names
- County Centerlines
- Blueline Streams
- City Areas
- World Street Map

0 376 752 Feet

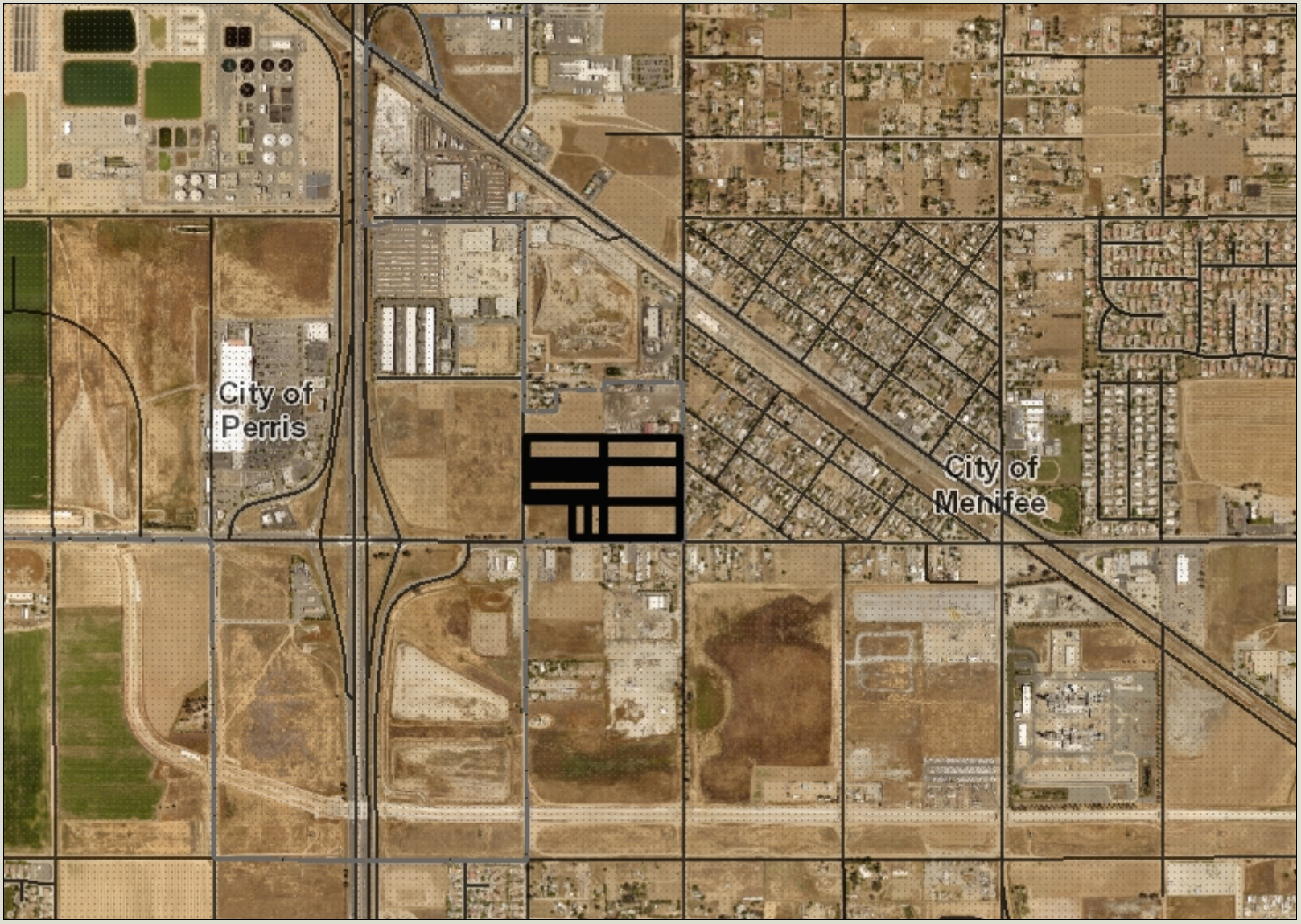
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Notes

Map My County Map





Legend

- County Centerline Names
- County Centerlines
- Blueline Streams
- City Areas
- World Street Map

0 1,539 3,079 Feet

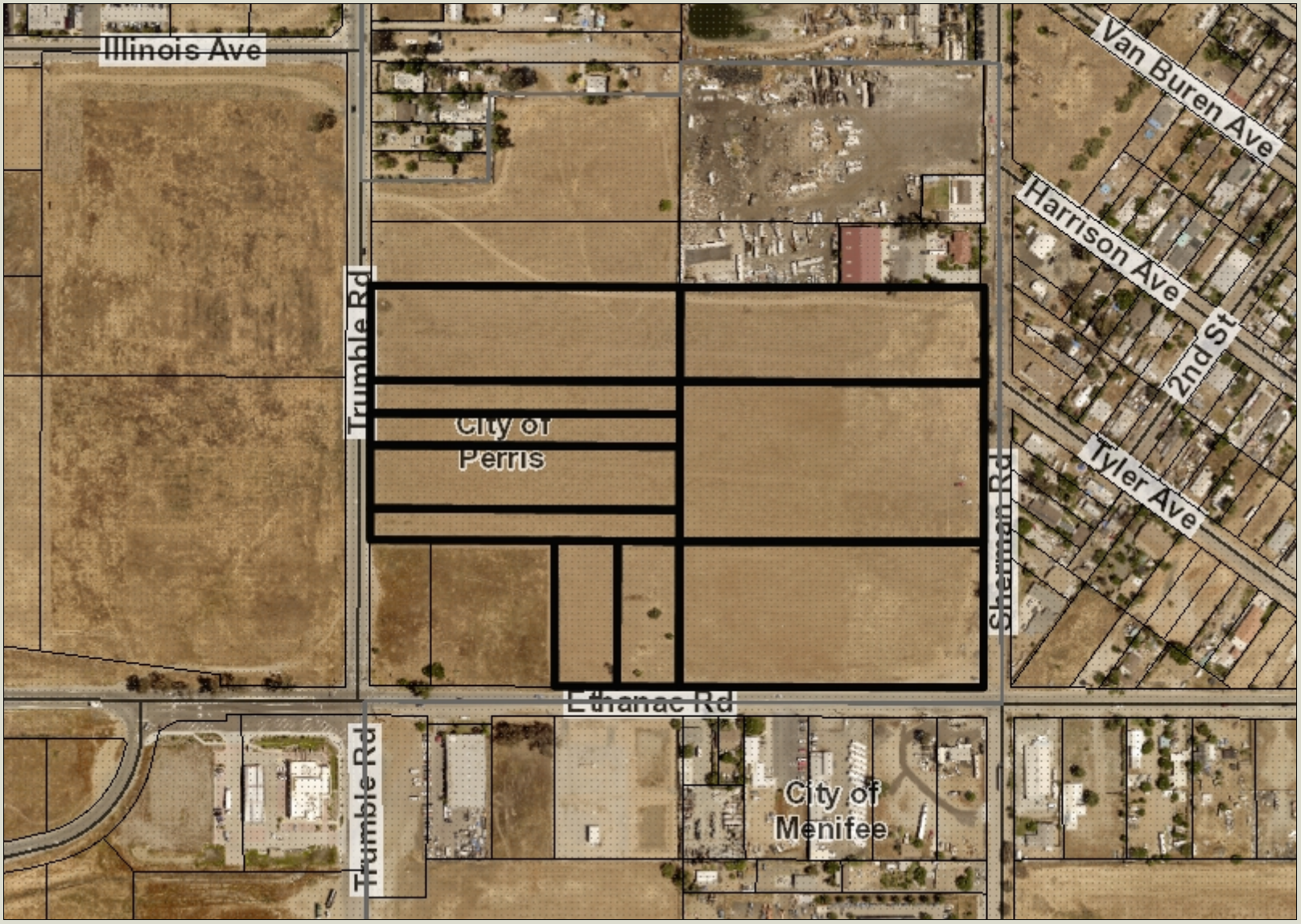
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Notes

Map My County Map





Legend

- Parcels
- County Centerline Names
- County Centerlines
- Blueline Streams
- City Areas
- World Street Map

0 385 770 Feet

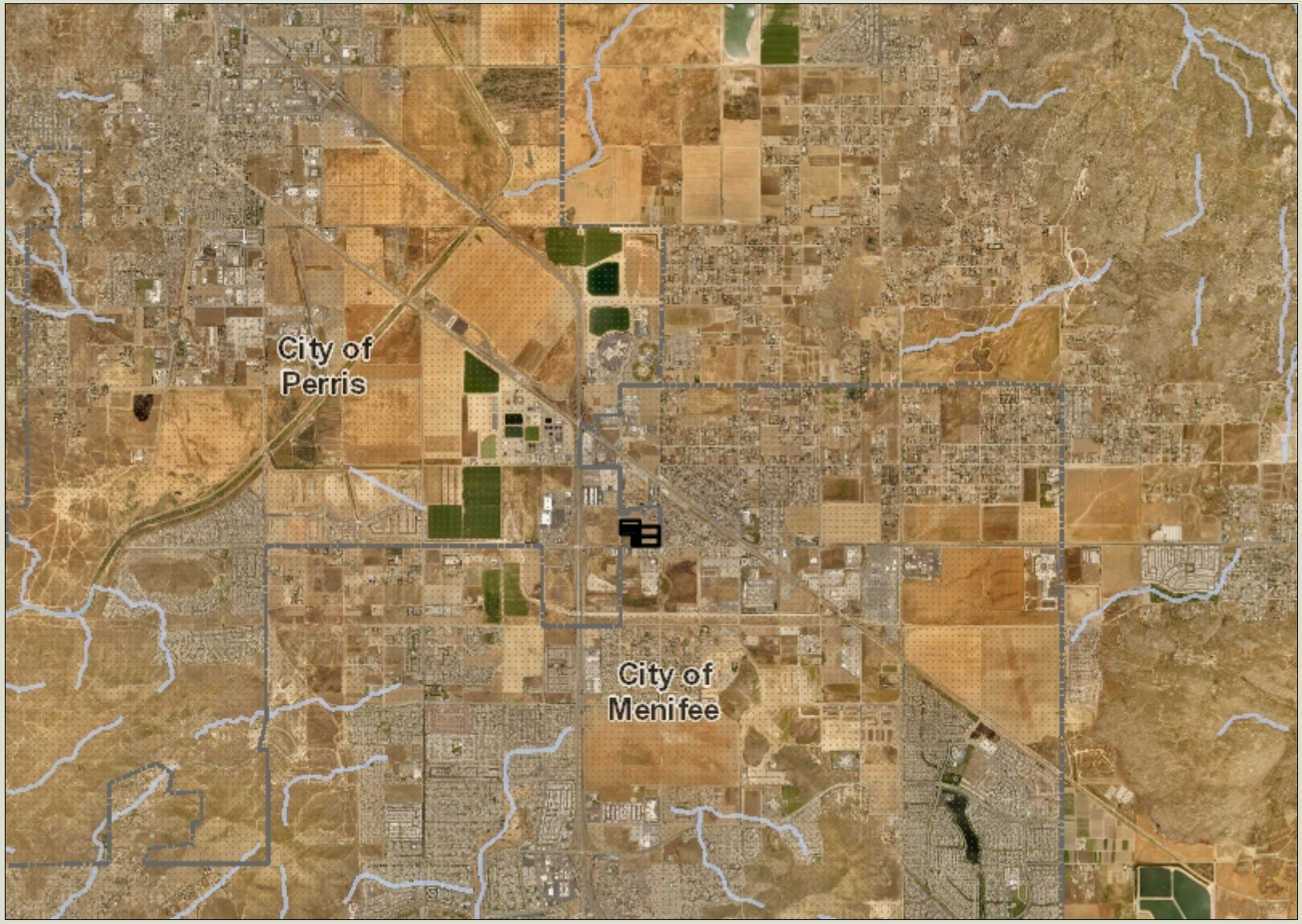
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Notes

Map My County Map





Legend

- Blueline Streams
- City Areas
- World Street Map

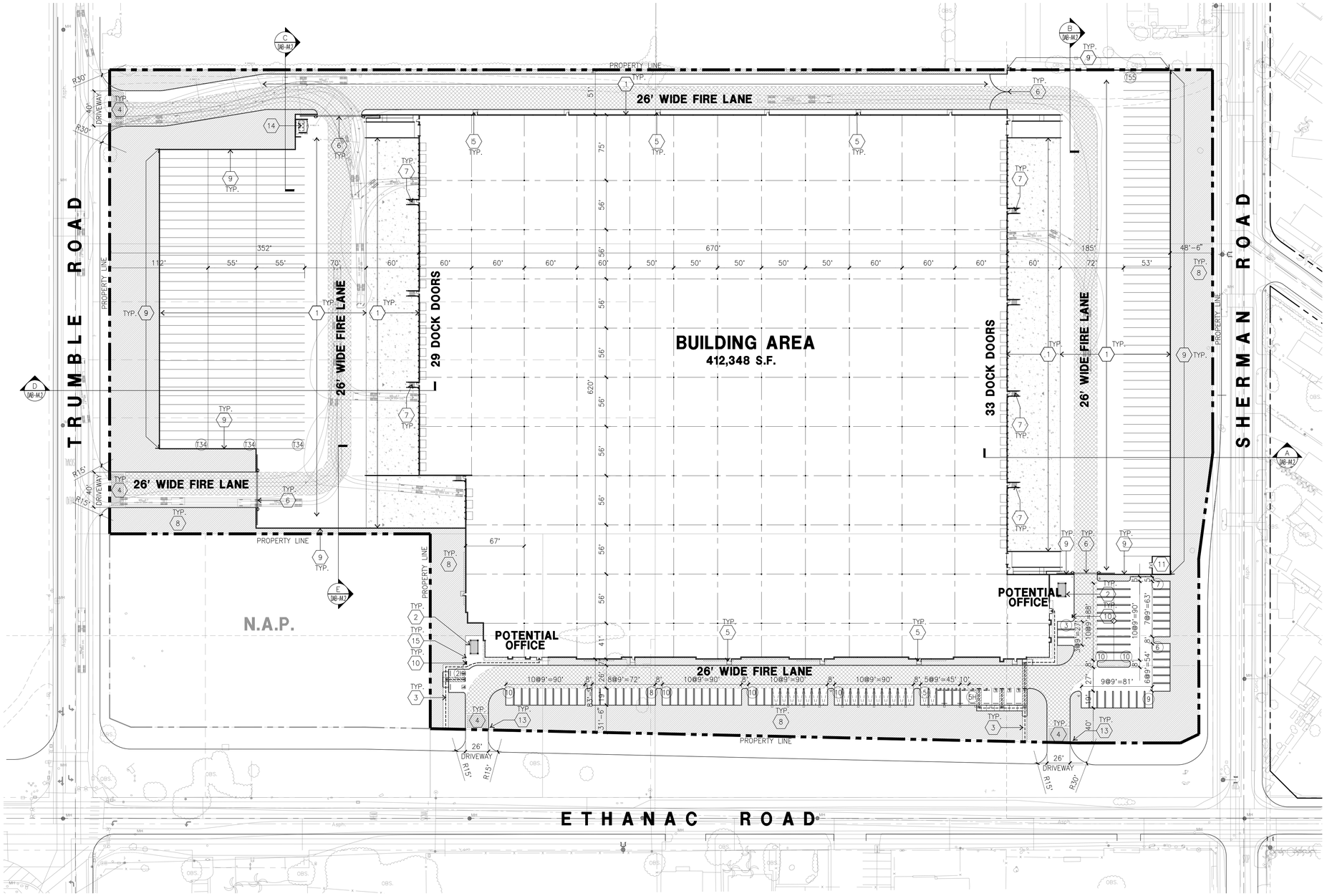
0 6, 12,314 Feet
157

IMPORTANT Maps and data are to be used for reference purposes only. Map features are approximate, and are not necessarily accurate to surveying or engineering standards. The County of Riverside makes no warranty or guarantee as to the content (the source is often third party), accuracy, timeliness, or completeness of any of the data provided, and assumes no legal responsibility for the information contained on this map. Any use of this product with respect to accuracy and precision shall be the sole responsibility of the user.

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Notes



OVERALL SITE PLAN (A)

scale: 1" = 50'-0"

SCALE: 1" = 50'-0"

0 50' 100' 150' TRUE NORTH

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONC. PAVEMENT,
2. EMPLOYEE BREAK AREA
3. CONCRETE WALKWAY, MEDIUM BROOM FINISH.
4. DRIVEWAY APRONS TO BE CONSTRUCTED PER "C" AND "L" DRAWINGS.
5. 5'-6"X5'-6"X4" MIN. THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH. SLOPE TO BE 1/4" : 12" MAX.
6. 8' H PROVIDE METAL, MANUAL OPERATED GATES W/ VIEW OBSCURING MESH. KNOX-PAD LOCK PER FIRE DEPARTMENT STANDARDS PER DRIVEWAY.
7. EXTERIOR CONC. STAIR.
8. LANDSCAPE. NOTED BY SHADING. SEE "L" DWGS.
9. 14'H CONCRETE TILT-UP SCREEN WALL W/ DECORATIVE PILASTERS EVERY 100'.
10. BIKE RACK
11. PROPOSED PUMPHOUSE LOCATION
12. DETENTION BASIN. SEE "C" DWGS.
13. ACCESSIBLE ENTRY SIGN
14. TRASH ENCLOSURE PER CITY STANDARD
15. DESIGNATED SMOKER'S AREA

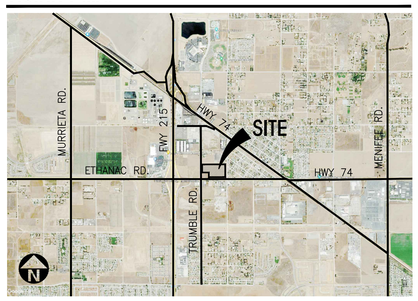
SITE PLAN GENERAL NOTES

1. THE SITE PLAN BASED ON THE SOILS REPORT PREPARED BY
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES
5. PROVIDE STRUCTURAL CALCULATION AND CONSTRUCTION ANCHORAGE DETAIL FOR TRANSFORMER PRIOR TO INSTALLATION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C"DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12' EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". FINISH TO BE A MEDIUM BROOM FINISH
11. U.N.O. PROVIDE KNOX BOXES AT ALL OFFICE ENTRANCES.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. ON-SITE FIRE MAIN, FIRE SPRINKLER, AND SPRINKLER MONITORING SYSTEM SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND PERMITTING.
14. ALL VERTICAL MOUNTING POLES OF FENCING SHALL BE CAPPED.
15. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
16. ALL INTERIOR AND EXTERIOR WALK SURFACES TO BE NON-SLIP TYPE

SITE PLAN GENERAL NOTES

- CONCRETE PAVING. SEE "C" DRWGS. FOR THICKNESS
- STANDARD PARKING STALL (9' X 19')
- EVCS W/ EVSE PROVIDED
- EV CAPABLE. EVSE CONDUIT STUB FOR FUTURE EV ONLY.
- TRAILER PARKING (10' X 53')
- LANDSCAPED AREA
- NON-ACCESSIBLE PATH
- ACCESSIBLE PARKING STALL (9' X 19') + 5' W/ ACCESSIBLE AISLE
- ACCESSIBLE PARKING (VAN) STALL (12'-0" X 19') + 5' W/ ACCESSIBLE AISLE
- PATH OF TRAVEL. MINIMUM WIDTH TO BE 4'. SLOPE NOT TO EXCEED 5% IN THE DIRECTION OF TRAVEL AND CROSS SLOPE NOT TO EXCEED 2%, SEE CIVIL FOR GRADING PLAN
- PROPERTY LINE
- 26' WIDE FIRE LANE FIRE DEPT STANDARD

VICINITY MAP



PROPERTY OWNER

HILLWOOD
901 VIA PIEMONTE, STE 175
ONTARIO, CA 91764
TEL: 909-256-5924
ATTN: JOHN GRACE

ADDRESS OF THE PROPERTY

TBD
NEC ETHANAC ROAD AND TRUMBLE ROAD

ASSESSOR'S PARCEL NUMBERS

329-240-016 to 20, 23 to 27

ZONING

CURRENT: COMMERCIAL COMMUNITY (CC)
PROPOSED: LIGHT INDUSTRIAL (LI)

LEGAL DESCRIPTION

SEE CIVIL DRAWINGS

APPLICANT

HILLWOOD
901 VIA PIEMONTE, STE 175
ONTARIO, CA 91764
TEL: 909-256-5924
ATTN: JOHN GRACE

ARCHITECT

HPA, INC.
18831 BARDEEN AVE SUITE 100
IRVINE CA 92612
TEL: 949-862-2122
ATTN: INKON KIM

CIVIL

WEBB ASSOCIATES
3788 MCCRAY STREET
RIVERSIDE, CA 92506
TEL: 951-320-6088
ATTN: OSCAR VALDEZ

PROJECT DATA

SITE AREA		
In s.f.	864,675	sf
In acres	19.9	ac
BUILDING AREA		
Office - 1st floor	10,000	sf
Office - 2nd floor	5,000	sf
Warehouse	397,348	sf
TOTAL	412,348	sf
FLOOR AREA RATIO		
Maximum Allow ed	0.75	
Actual	0.477	
SITE COVERAGE		
Maximum Allow ed	50%	
Actual	47.1%	
AUTO PARKING REQUIRED		
High Cube:		
Office: 1/300 (only if less than 10% GFA)	N/A	stalls
Whse: 1st 20k @ 1/1,000 s.f.	20	stalls
2nd 20k @ 1/2,000 s.f.	10	stalls
above 40k @ 1/5,000 s.f.	75	stalls
TOTAL	105	stalls
AUTO PARKING PROVIDED		
Standard (9' x 19')	76	stalls
ADA Standard (9' x 19')	3	stalls
ADA Van (12' x 19')	2	stalls
EV ADA Standard (9' x 19')	1	stalls
EV ADA Van (12' x 19')	1	stalls
EV Ambulatory (10'x19')	1	stalls
EVCS Standard (9' x 19')	3	stalls
EV Capable (9'x19')	19	stalls
TOTAL	106	stalls
TRAILER PARKING REQUIRED		
Trailer: 1/5,000 s.f.	82	stalls
TRAILER PARKING PROVIDED		
Trailer (10' x 55')	157	stalls
ZONING ORDINANCE		
Current Zoning - Commercial Community		
Proposed Zoning - Light Industrial (LI)		
MAXIMUM BUILDING HEIGHT ALLOWED		
Height - 50'		
LANDSCAPE REQUIREMENT		
Percentage - 15% of the site area		
LANDSCAPE PROVIDED		
In s.f.	129,809	sf
Percentage	15.0%	
SETBACKS	Building	Landscape
Ethanac Rd. - 15' (Arterial)		15'
Trumble Rd. - 10' (Collector)		10'
Sherman Rd. - 10' (Collector)		10'
Side / rear- 0', adjoining R zone - 20' - Loading/unloading - 30'		

OFFICIAL USE ONLY

HPA architecture
hpa, inc.
18831 bardeen avenue, - ste. #100
irvine, ca
92612
tel: 949•863•1770
fax: 949•863•0851
email: hpa@hparchs.com

Owner:
HILLWOOD A PEROT COMPANY
Hillwood
901 Via Piemonte, Ste 175
Ontario, CA 91764
909-256-5924
ATTN: John Grace

Project:
Ethanac Logistics Center
Perris, CA

Consultants:

CIVIL	WEBB
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
LANDSCAPE	WEBB
FIRE PROTECTION	-
SOILS ENGINEER	-

Title: OVERALL SITE PLAN

Project Number:	22215
Drawn by:	KT
Date:	03/29/2023

Revision:

1ST SUBMITTAL	10/21/2022
2ND SUB / PC1	01/11/2023
3RD SUB / PC2	03/29/2023

Sheet:
DAB-A1.1

APPENDIX A.2

NOTICE OF PREPARATION (NOP)

NOTICE OF SCOPING MEETING & PREPARATION OF A DRAFT ENVIRONMENTAL IMPACT REPORT ETHANAC LOGISTICS CENTER PROJECT

Date: **September 22, 2023**

To: State Clearinghouse, Property Owners, Responsible and Trustee Agencies and Interested Parties

From: City of Perris Development Services Department| Planning Division
135 North "D" Street
Perris, CA 92570

Subject: Notice of Preparation (NOP) and Public Scoping Meeting Notice for the preparation of a Draft Environmental Impact Report for the Ethanac Logistics Center Project – General Plan Amendment (GPA) 22-05326, Zone Change (ZC) 22-05327, Tentative Parcel Map No. 38600 (TPM 22-05328), and Development Plan Review (DPR)22-00030.

Scoping Meeting: **October 18, 2023 at 6:00 p.m.** (To be held in person)
Perris City Council Chambers
101 N. D Street
Perris CA 92570

NOP Comment Period: **September 22, 2023** through **October 23, 2023**

Project Title: Ethanac Logistics Center Project

Project Applicant: Hillwood
901 Via Piemonte, Ste 175
Ontario, CA 91764

Notice Of Preparation of a Draft Environmental Impact Report (DEIR): The City of Perris (City) will be the Lead Agency pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15052. An Initial Study has been prepared and determined that an EIR is required for the project, based on its potential to cause significant environmental effects (State Guidelines Sections 15060 and 15081). Therefore, the City will prepare a Draft Environmental Impact Report (EIR) for the proposed Ethanac Logistics Center Project (Project). The City is requesting input from you or your agency or organization as to the scope and content of the environmental information that is relevant to your agency or organization's statutory responsibilities or interests in connection with the proposed Project.

This Notice Of Preparation (NOP) identifies the Project applicant, contains the proposed Project description including Project setting and location, and identifies the potential environmental effects of the proposed Project. A vicinity map is included in this NOP.

Due to time limits mandated by State law, your response must be received at the earliest possible date, **but not later than 30 days** after receipt of this NOP. The public comment period for this NOP begins on **September 22, 2023**, and is set to close at 5:00 p.m. on **October 23, 2023**.

Please send written comments to Nathan Perez, Senior Planner, at the address shown above or via email at nperez@cityofperris.org. Please include the name and contact person of the agency or organization.

Project Information

I. Project Location and Setting

The approximate 32-gross-acre development area includes an approximately 20-gross-acre site located at the northeastern corner of Trumble Road and Ethanac Road in the City of Perris (City), Riverside County consisting of Assessor's Parcel Numbers (APNs) 329-240-016 through -020 and -023 through -027. The proposed development area also includes an additional approximately 12-gross acres of offsite improvement areas located within the rights-of-way of Sherman Road, Trumble Road, Ethanac Road, and Illinois Avenue. The Project site has a Perris General Plan land use designation of Community Commercial and is zoned Commercial Community.

II. Project Description

The Ethanac Logistics Center (proposed Project) includes all on and offsite improvements and involves the merging of ten parcels at the Project site to create one approximately 20-gross-acre parcel for the construction and operation of a 412,348-square-foot building that consists of 10,000 square feet of ground floor office area, 5,000 square feet of mezzanine office area, and 397,348 square feet of high-cubed warehouse area. The Project also includes infrastructure, appurtenances, associated parking areas, and associated offsite supporting improvements. The building is proposed to accommodate high-cube warehouse distribution uses, anticipating that 50,000 square feet could be utilized for cold-refrigerated storage and 15,000 square feet for supporting office uses. The warehouse is not anticipated to include e-commerce. The building would include some solar panels on the rooftop, 32 dock doors on the east side, and 29 dock doors on the west side. The building height would not exceed the City's maximum standard of 50 feet. The proposed Project would be constructed as a speculative or "spec" building; that is, there is not a specific tenant identified at this time. It is anticipated that the building could operate 24 hours a day, seven days a week. The design of the building is modern industrial and includes concrete tilt-up wall construction with board-formed cement veneer and standard window glazing. The Project is proposed to be consistent with City standards and provide 14-foot-high screen walls and perimeter landscaping along the Project site's frontage. (*Refer* to ***Figure 1, Conceptual Site Plan***).

The Project site's automobile entrance would be separate from the truck entrance. Automobile vehicles would access the Project site via two driveways along Ethanac Road. Trucks would access the site via two separate driveways along Trumble Road. Emergency access would also be available from Trumble Road. No access is proposed to be offered from Sherman Road.

Domestic water services in the Project vicinity are provided by the Eastern Municipal Water District (EMWD). There are existing water lines near the Project site: 12-inch diameter waterline in Trumble Road; 20-inch diameter waterline and 18-inch brackish waterline in Ethanac Road; 8-inch diameter waterline, 18-inch brackish waterline, brackish water blowoff valve, and fire hydrant in Sherman Road; as well as a 12-inch waterline in Sherman south of Ethanac Road. There is also an existing 8-inch water line in Illinois Avenue. The Project would connect to the 12-inch waterline in Trumble

Road. The Project would also provide a diesel-powered fire flow pump that would be used for fire flow demands. The fire flow pump would only be used during fire emergencies and routine testing and would not be part of the Project's normal daily operations. No offsite water line improvements are proposed. Recycled water services in the Project vicinity are also provided by the EMWD.

Recycled water services in the Project vicinity are also provided by the EMWD. There are no existing recycled water lines adjacent to the Project site. The closest recycled water lines are within Case Road, west of I-215 and within McLaughlin Road, south of the Project site over half a mile away. The sizing of those recycled water lines do not account for irrigation demands from this proposed Project and the EMWD will not require extension of those lines. There are nearby projects in development that may result in construction of recycled water facilities closer to the Project site. The Project would include recycled water irrigation facilities that would connect to future recycled water facilities. In the meantime, irrigation lines within the Project site would connect to the existing 12-inch waterline in Trumble Road.

Sewer (wastewater) collection and treatment services in the Project vicinity are also provided by the EMWD. There is an existing 15-inch sewer line in Ethanac Road, an existing 10-inch sewer line in Trumble Road, and an existing 8-inch sewer line in Sherman Road (south of Ethanac Road). The Project would connect to the existing 15-inch sewer line in Ethanac Road. No offsite sewer line improvements are proposed.

The Project site is located within Zone D of the March Air Reserve Base/Inland Port Airport Land Use Compatibility Plan (MARB/IPA ALUCP). As such, the Project has been reviewed by the Riverside County Airport Land Use Commission (ALUC) to ensure compatibility with the MARB/IPA ALUCP. The ALUC determined via a public hearing June 8, 2023, that the Project is consistent with the MARB/IPA ALUCP. Due to a site plan change which placed basin underground to provide more truck trailer parking, the site plan was reviewed again by ALUC staff pursuant to Policy 1.5.2(d) of the Countywide Policies of the 2004 Riverside County Airport Land Use Compatibility Plan and determined by the ALUC Director to be consistent on August 22, 2023.

Offsite Improvements

The Project includes approximately 12 acres of offsite improvements are associated with storm drain facilities and roadway improvements. Drainage improvements would require an extension of City Line A, located along the west side of Trumble Road. Drainage improvements would extend from the Project site north in Trumble Road to Illinois Avenue and then west to I-215 in order to connect to existing MDP Line A-11 and ultimately MDP Line A. Construction of this line and repaving of Trumble Road would require an encroachment permit from the City of Menifee since improvements may extend slightly beyond the centerline and for construction traffic control. The Project may also be required to improve the intersection of Ethanac and Trumble Roads along frontage of the not-a-part parcel identified on the Development Plan. These improvements would also require an encroachment permit from the City of Perris for construction traffic control and potential encroachment over the roadway centerline.

Project Construction

Project construction would not be phased and is anticipated to begin in Fall 2024. Construction is anticipated to be completed in 2025. Nighttime pouring of concrete is anticipated during summer months. The Project site grading would provide 15,600 cubic yards (CY) of cut and 66,100 CY of fill; hence will require 50,500 CY of soil import.

III. Required Entitlements / Approvals

Pursuant to the provisions of CEQA and the State CEQA Guidelines, the City of Perris, as the Lead Agency, is charged with the responsibility of deciding whether to approve the Project. The following approvals and permits are required from the City of Perris to implement the project:

- Certification of the EIR
- General Plan Amendment (GPA) 22-05326
- Zone Change (ZC) 22-05327
- Tentative Parcel Map No. 38600 (TPM 22-05328)
- Development Plan Review (DPR) 22-00030

Approvals and permits that may be required by other agencies include:

- Riverside County Airport Land Use Commission – Consistency Determination with March Air Reserve Base Comprehensive Land Use Plan;
- Santa Ana Regional Water Quality Control Board (RWQCB) – A National Pollutant Discharge Elimination System (NPDES) permit;
- South Coast Air Quality Management District –Permits to install and operate a diesel fire water pump backup generator;
- Eastern Municipal Water District – approval of water and sewer improvement plans;
- Permits or associated approval by other utility agencies, as necessary, for installation of new utility infrastructure or connections to existing facilities;
- Riverside County Flood Control and Water Conservation District (RCFCWCD) – Encroachment permits and approval of construction of the Romoland MDP storm drain line; and
- City of Menifee – Encroachment permits and approval of construction related to roadway improvements along Sherman Road and Ethanac Road, as well as connection to the Romoland MDP storm drain line for a portion of Trumble Road north of the Project site to Illinois Avenue.

IV. Probable Environmental Effects of the Project

The Draft EIR for the project will contain a detailed Project Description, a description of the existing environmental setting of the project site and surrounding area, analysis of project-specific environmental impacts, analysis of cumulative impacts, identification of additional project-specific mitigation measures required to reduce potentially significant impacts, and an analysis of alternatives to the project that could reduce one or more of the potentially significant impacts of the project.

The City has prepared an Initial Study and determined that an EIR is required for the project based on its potential to cause significant environmental effects. The Initial Study found that the following environmental topics would result in less than significant environmental impacts and therefore will not be further analyzed in the Draft EIR:

- Aesthetics
- Agriculture and Forestry Resources
- Biological Resources
- Hazards and Hazardous Materials
- Mineral Resources
- Population and Housing
- Public Services
- Recreation
- Wildfire

The following environmental topics will be analyzed in the Draft EIR:

- Air Quality
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hydrology and Water Quality
- Land Use and Planning
- Noise
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Mandatory Findings of Significance

V. Future Public Meetings

As identified previously, the City of Perris will conduct a Draft EIR scoping meeting on **October 18, 2023,** at 6:00 p.m. at Perris City Council Chambers located at 101 N. D Street, Perris CA 92570. At the meeting, the City will provide background information on environmental impact reports, provide a brief overview of the Project and will solicit public input on environmental issues to be addressed in the Draft EIR and on items of public concern. Issues identified during the scoping meeting will be addressed in the Draft EIR (as appropriate).

VI. Response to This Notice of Preparation

The Notice, as well as an Initial Study, is available for review on the City's website at:

https://www.cityofperris.org/departments/development-services/planning/environmental-documents-for-public-review

Copies of the Notice of Preparation and Initial Study are available for review at the Downtown Library and at the Development Services Department located at 135 North "D" Street, Perris, CA 92570.

Please provide written comments no later than 30 days from the receipt of this Notice of Preparation. According to Section 15082(b) of the State CEQA Guidelines, your comments should address the scope and content of environmental information related to your agency's area of statutory responsibility. More specifically, your response should identify the significant environmental issues and reasonable alternatives and mitigation measures that you or your agency will need to have explored in the Draft EIR; and, whether your agency will be a responsible agency or a trustee agency, as defined by CEQA Code Sections 15381 and 15386, respectively. Please return all comments to the following address or email:

Nathan Perez, Senior Planner
City of Perris, Planning Division
135 North "D" Street
Perris, CA 92570
Email: nperez@cityofperris.org.

Signature: _____

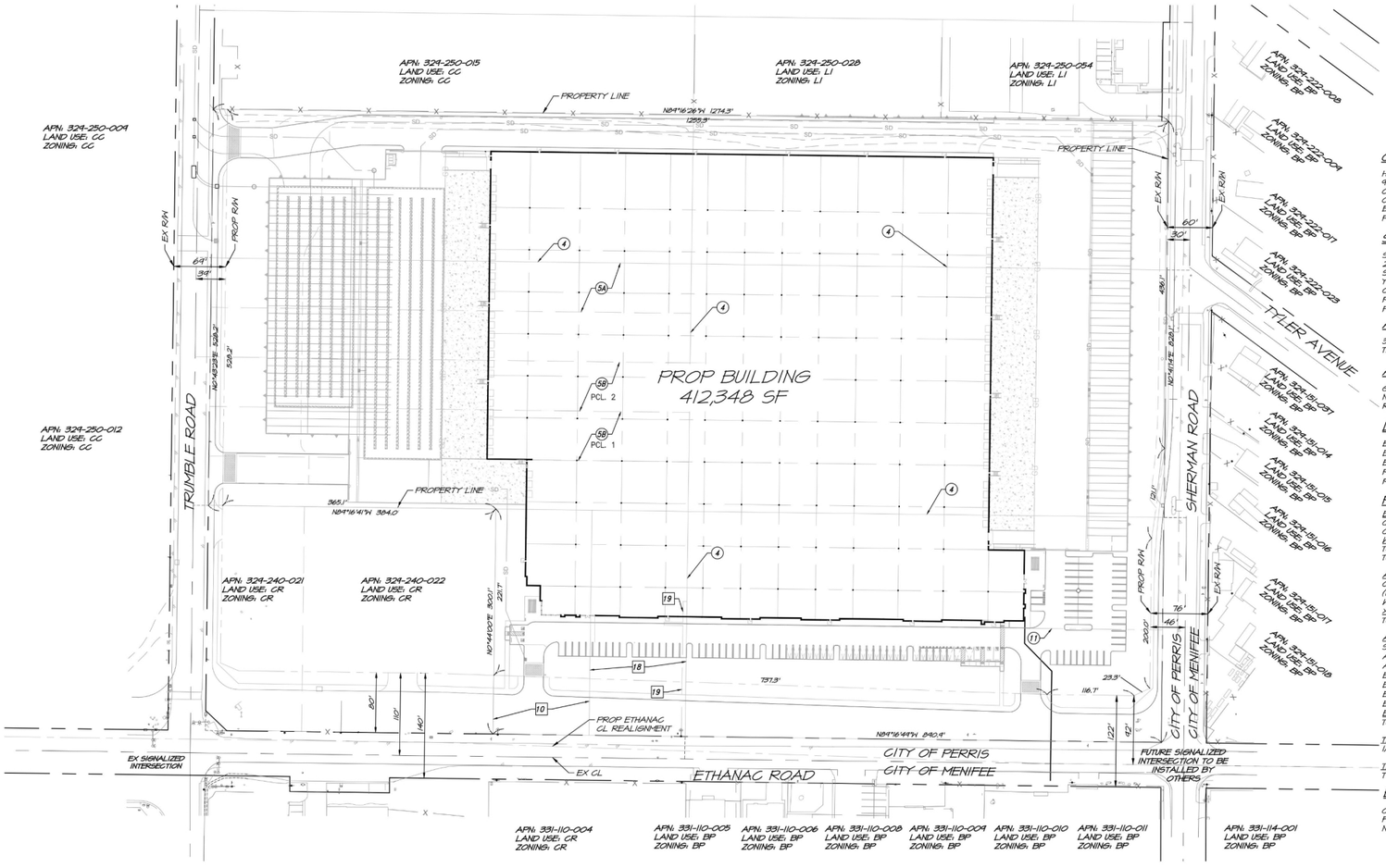
Nathan Perez, Senior Planner

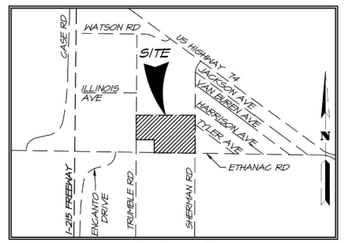
The City of Perris appreciates your conscientious attention to the Notice of Preparation

IN THE CITY OF PERRIS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

DEVELOPMENT PLAN REVIEW NO. 22-00030

LOCATED IN SECTION 10 SW, T. 5S., R. 3W., S.B.M.





VICINITY MAP
NTS

OWNER/APPLICANT

HILLWOOD INVESTMENT PROPERTIES
901 VIA PIEMONTE STE. 175
ONTARIO CA, 91764
CONTACT: JOHN GRACE
EMAIL: JOHN.GRACE@HILLWOOD.COM
PHONE: (909) 256-5424

PROJECT REPRESENTATIVE

ALBERT A. WEBB ASSOCIATES
3788 MCCRAY STREET
RIVERSIDE, CA 92506
CONTACT: RICHARD BELMUDEZ
PHONE: (951) 686-1070
FAX: (951) 788-1256

SOILS ENGINEER

SOUTHERN CALIFORNIA GEOTECHNICAL
22885 E. SAVI RANCH PARKWAY,
SUITE E
YORBA LINDA, CA 92887
CONTACT: ROBERT TRAZO
PHONE: (714) 685-1115
FAX: (714) 685-1118

ENGINEER

ALBERT A. WEBB ASSOCIATES
3788 MCCRAY STREET
RIVERSIDE, CA 92506
CONTACT: SARAH KOWALSKI
PHONE: (951) 686-1070
FAX: (951) 788-1256

A.P.N.

324-240-016 THRU -020, -023,
THRU -027

ARCHITECT

HPA ARCHITECTS
18831 BARDEEN AVE., STE 100
IRVINE, CA 92612
CONTACT: INKON KIM
PHONE: (949) 863-1770
EMAIL: INKON@HPARCHS.COM

ACREAGE

GROSS	21.6 AC
NET	19.9 AC
R/W	1.7 AC

TOPOGRAPHY SOURCE

TOPOGRAPHY FLOWN BY INLAND AERIAL SURVEYS INC. ON 02/15/2022

LAND USE

EXISTING LAND USE: VACANT
EXISTING GENERAL PLAN LAND USE: COMMERCIAL COMMUNITY (CC)
EXISTING ZONING: COMMERCIAL COMMUNITY (CC)
PROPOSED GENERAL PLAN LAND USE: LIGHT INDUSTRIAL (LI)
PROPOSED ZONING: LIGHT INDUSTRIAL (LI)

PROJECT DATA

BUILDING AREA	
OFFICE - FIRST FLOOR	10,000 SF
OFFICE - SECOND FLOOR	5,000 SF
WAREHOUSE	397,348 SF
TOTAL BUILDING FOOTPRINT	407,348 SF
TOTAL FLOOR AREA	412,348 SF

AUTO PARKING REQUIRED

OFFICE:	
(1 STALL/300 SF IF LESS THAN 10% GFA)	N/A
WAREHOUSE:	
140K SF @ (30 STALLS + 1 STALL/5,000 SF)	105 STALLS
TOTAL	105 STALLS

AUTO PARKING PROVIDED

STANDARD (9' x 19')	76 STALLS
ADA STANDARD (9' x 19')	3 STALLS
ADA VAN (12' x 19')	2 STALLS
EV ADA STANDARD (9' x 19')	1 STALLS
EV ADA VAN (12' x 19')	1 STALLS
EV AMBULATORY (10' x 19')	1 STALLS
EVCS STANDARD (9' x 19')	3 STALLS
EV CALPABLE (9' x 19')	19 STALLS
TOTAL	106 STALLS

TRAILER PARKING REQUIRED

1/ 5,000 SF	82 STALLS

TRAILER PARKING PROVIDED

TYPICAL TRAILER (10' x 55')	157 STALLS

EARTHWORK ESTIMATE

CUT:	15,800 CY	
FILL:	66,100 CY	
NET:	50,300 CY (FILL)	

SHEET INDEX

SHEET 1 - TITLE SHEET
SHEET 2 - STREET AND GRADING SECTIONS
SHEET 3 - CONCEPTUAL GRADING
SHEETS 4,5 - CONCEPTUAL UTILITIES

GENERAL INFORMATION

1. ALL PARCELS WITHIN PROJECT BOUNDARY TO BE COMBINED VIA PARCEL MAP.
2. THOMAS BROS. MAP BOOK PAGE: 838, GRID: C1 AND D1
3. PROJECT IS NOT WITHIN A SPECIFIC PLAN.
4. PROJECT LIES WITHIN THE CITY OF PERRIS REDEVELOPMENT PROJECT AREA.
5. PROJECT LIES WITHIN CFD NO. 1.
6. EASEMENTS OF RECORD ARE PLOTTED HEREIN.
7. PROJECT IS WITHIN EASTERN MUNICIPAL WATER DISTRICT
8. THERE ARE NO EXISTING WELLS ON THE PROPERTY.
9. ALL SLOPES ARE 2:1 RATIO, UNLESS OTHERWISE NOTED.
10. LAND IS NOT WITHIN A SPECIAL STUDIES ZONE.
11. LAND HAS LOW POTENTIAL FOR LIQUEFACTION PER SOCAL GEO REPORT DATED 02/23/2022.
12. SUB-SURFACE SEPTIC DISPOSAL IS NOT INTENDED ON SITE.
13. STRUCTURES AND/OR DWELLINGS DO NOT EXIST ON SITE.
14. THE PROJECT WILL COMPLY WITH NPDES REQUIREMENTS AS REQUIRED BY NPDES SUPPLEMENT "A".
15. FLOOD ZONE X, AREA OF LOW FLOODING PER FEMA PANEL 06065C2060H.
16. PROJECT LIES WITHIN AIRPORT LAND USE COMPATIBILITY ZONE D
17. ARCHITECTURAL SITE PLAN PROVIDED BY HPA ARCHITECTURE ON 04/12/23

UTILITY PROVIDERS

WATER:	EASTERN MUNICIPAL WATER DISTRICT PHONE: (951) 685-7434
SEWER:	EASTERN MUNICIPAL WATER DISTRICT PHONE: (951) 685-7494
GAS:	SOUTHERN CALIFORNIA GAS COMPANY PHONE: (909) 307-7070
ELECTRIC:	SOUTHERN CALIFORNIA EDISON PHONE: 1 (800) 655-4555
TELEPHONE:	CHARTER COMMUNICATIONS (SPECTRUM) PHONE: (951) 406-1666
CABLE T.V.:	FRONTIER COMMUNICATIONS PHONE: (310) 264-5100
SCHOOL DISTRICT(S):	ROMOLAND SCHOOL DISTRICT (TK-8) PHONE: (951) 926-4244 PERRIS UNION HIGH SCHOOL DISTRICT (9-12) PHONE: (951) 943-6369

EASEMENT NOTES

SEE SHEET 2

LEGAL DESCRIPTION

SEE SHEET 2



H:\2022\22-0199\GIS\rol\dev_plan_rev\dev_plan_rev\aprx Map created 07 Sep 2023

Source: Development Plan Review, sheet 1, Sep. 1, 2023.

NTS

Figure 1 - Conceptual Site Plan
Ethanac Logistics Center

ALBERT A. WEBB ASSOCIATES

APPENDIX A.3

WRITTEN COMMENTS RECEIVED IN RESPONSE TO THE NOP

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

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Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

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

September 25, 2023

Nathan Perez
City of Perris
101 N. D Street
Perris, CA 92570

Re: 2023090525, Ethanac Logistics Center Project, Riverside County

Dear Mr. Perez:

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)).

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: Andrew.Green@nahc.ca.gov.

Sincerely,

Andrew Green

Andrew Green
Cultural Resources Analyst

cc: State Clearinghouse

From: Nathan Perez
To: Melissa Perez; Oscar Valadez
Subject: FW: [Opened] City of Perris, CA records request #23-435 from Jeff Modrzejewski
Date: Monday, October 02, 2023 3:08:32 PM
Attachments: image001.png
image004.png

Hi Melissa,
We have a request from CARE CA asking for copy of all records including mailed notices.
Do you have all the certified mailouts for the property owners within 300 feet and agencies mailed the NOP notice for Hillwood Ethanac?

To Whom It May Concern,

CARE CA is writing to request a copy of any and all records related to the Ethanac Logistics Center Project, located at Trumble Road and Ethanac Road in Perris in Riverside County. The project will be the construction of a 412,348 sf high-cube warehouse building with 10,000 sf of office space, 5,000 sf of mezzanine office space, and 397,348 sf of warehouse space. We are also writing to request copies of all mailed notice of any and all hearings and/or actions related to the Project.

Our request for mailed notice of all hearings includes hearings, study sessions and community meetings related to the Project, certification of the MND (or recirculated DEIR), and approval of any Project entitlements. This request is made pursuant to Public Resources Code Sections 21092.2, 21080.4, 21083.9, 21092, 21108 and 21152 and Government Code Section 65092, which require local agencies to mail such notices to any person who has filed a written request for them with the clerk of the agency's governing body. Our request includes notice to any City actions, hearings or other proceedings regarding the Project, Project approvals and any actions taken, or additional documents released pursuant to the California Environmental Quality Act.

Nathan Perez
Senior Planner
City of Perris

Department of Development Services - Planning Division
135 N. “D” Street
Perris, CA 92570
Tel: (951) 943-5003
http://www.cityofperris.org/
Available Monday to Thursday

From: Judy Haughney <JHaughney@cityofperris.org>
Sent: Monday, October 2, 2023 1:57 PM
To: Nathan Perez <NPerez@cityofperris.org>; Kenneth Phung <Kphung@cityofperris.org>
Cc: Cristina Pedroza <CPedroza@cityofperris.org>
Subject: FW: [Opened] City of Perris, CA records request #23-435 from Jeff Modrzejewski

Hi Nathan,
Just FYI we received the request below for mailed notices for this project. Please add to your mailing list. We will respond to the requestor and send them the link to the webpage with the documents for the project. I will let you know if we hear back from them.
Thanks, Judy

Best Regards,
Judy L. Haughney, CMC
Assistant City Clerk
City Clerk’s Office
City of Perris
101 N. D Street
Perris, CA 92570
951-943-6100
951-943-4246 FAX
jhaughney@cityofperris.org
www.cityofperris.org

Please Note: Moving forward the City of Perris will be utilizing Next Request Web Portal for their Public Records Request, effective, February 6th. For more information, you may visit https://www.cityofperris.org/departments/city-clerk.

Hours: Monday – Friday 8:00 a.m. to 6:00 p.m.

AGUA CALIENTE BAND OF CAHUILLA INDIANS

TRIBAL HISTORIC PRESERVATION

03-041-2023-001

October 10, 2023

[VIA EMAIL TO:nperez@cityofperris.org]
City of Perris
Mr. Nathan Perez
135 North D Street
Perris, CA 92570-2200

Re: Notice of Scoping Meeting & Preparation of a Draft Environmental Impact Report Ethanac Logistics Center Project

Dear Mr. Nathan Perez,

The Agua Caliente Band of Cahuilla Indians (ACBCI) appreciates your efforts to include the Tribal Historic Preservation Office (THPO) in the DPR22-00030 project. We have reviewed the documents and have the following comments:

*A cultural resources inventory of the project area by a qualified archaeologist prior to any development activities in this area.

* Please provide a copy of the EIR once it becomes available.

Again, the Agua Caliente appreciates your interest in our cultural heritage. If you have questions or require additional information, please call me at (760) 883-1137. You may also email me at ACBCI-THPO@aguacaliente.net.

Cordially,

Luz Salazar
Cultural Resources Analyst
Tribal Historic Preservation Office
AGUA CALIENTE BAND
OF CAHUILLA INDIANS

5401 DINAH SHORE DRIVE, PALM SPRINGS, CA 92264
T 760/699/6800 F 760/699/6924 WWW.AGUACALIENTE-NSN.GOV

Rincon Band of Luiseño Indians

CULTURAL RESOURCES DEPARTMENT

One Government Center Lane | Valley Center | CA 92082
(760) 749-1092 | Fax: (760) 749-8901 | rincon-nsn.gov

October 10, 2023

Sent via email:
City of Perris
Attn: Nathan Perez, Senior Planner
Email: nperez@cityofperris.org

Re: TPM 38600 Ethana Logistics Center Project

Dear Mr. Perez,

This letter is written on behalf of the Rincon Band of Luiseño Indians ("Rincon Band" or "Band"), a federally recognized Indian Tribe and sovereign government. Thank you for providing us with the Notice of Preparation of a Draft Environmental Impact Report (DEIR) for the above referenced project. The identified location is within the Territory of the Luiseño people. As such, the Rincon Band is traditionally and culturally affiliated to the project area.

The Band has reviewed the available Initial Study and we are in agreement with the preparation of a site-specific cultural assessment for the DEIR, to identify any potential cultural resources pursuant to CEQA guidelines Section 15064.5. We understand that other Tribes potentially have knowledge particular to this project site and may request additional measures. Please note that the Rincon Band supports all efforts to completely avoid cultural resources as preferred mitigation.

We do request that the Rincon Band be notified of any changes in project plans. In addition, we request a copy of the DEIR, when available. If you have additional questions or concerns, please do not hesitate to contact our office at your convenience at (760) 749-1092.

Thank you for the opportunity to protect and preserve our cultural assets.

Sincerely,

Cheryl Madrigal
Tribal Historic Preservation Officer
Cultural Resources Manager

Bo Mazzetti, Chairman | Tishmall Turner, Vice Chair | Laurie E. Gonzalez, Council Member | John Constantino, Council Member | Joseph Linton, Council Member

ROB BONTA
Attorney General

State of California
DEPARTMENT OF JUSTICE

1300 I STREET, SUITE 125
P.O. BOX 944255
SACRAMENTO, CA 94244-2550

E-Mail: EJ@doj.ca.gov

October 13, 2023

Nathan Perez, Senior Planner
City of Perris
135 North "D" Street
Perris, CA 92570

RE: Ethanac Logistics Center, SCH #2023090525

Dear Mr. Perez:

Thank you for the opportunity to provide comments on the Notice of Preparation for the Ethanac Logistics Center project. While the logistics industry is an important component of our modern economy, warehouses can bring various environmental impacts to the communities where they are located. For example, diesel trucks visiting warehouses emit nitrogen oxide (NO_x)—a primary precursor to smog formation and a significant factor in the development of respiratory problems like asthma, bronchitis, and lung irritation—and diesel particulate matter (a subset of fine particular matter that is smaller than 2.5 micrometers)—a contributor to cancer, heart disease, respiratory illnesses, and premature death.[1] Trucks and on-site loading activities can also be loud, bringing disruptive noise levels during 24/7 operation that can cause hearing damage after prolonged exposure.[2] The hundreds, and sometimes thousands, of daily truck and passenger car trips that warehouses generate can contribute to traffic jams, deterioration of road surfaces, traffic accidents, and unsafe conditions for pedestrians and bicyclists. Depending on the circumstances of an individual project, warehouses may also have other environmental impacts.

To help lead agencies avoid, analyze, and mitigate warehouses' environmental impacts, the Attorney General Office's Bureau of Environmental Justice has published a document containing best practices and mitigation measures for warehouse projects. We have attached a copy of this document to this letter, and it is also available online.[3] We encourage you to

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[1] California Air Resources Board, Nitrogen Dioxide & Health, https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health (NOx); California Air Resources Board, Summary: Diesel Particular Matter Health Impacts, https://ww2.arb.ca.gov/resources/summary-diesel-particulate-matter-health-impacts; Office of Environmental Health Hazard Assessment and American Lung Association of California, Health Effects of Diesel Exhaust, https://oehha.ca.gov/media/downloads/calenviroscreen/indicators/diesel4-02.pdf (DPM).

[2] Noise Sources and Their Effects, https://www.chem.purdue.edu/chemsafety/Training/PPETrain/dblevels.htm (a diesel truck moving 40 miles per hour, 50 feet away, produces 84 decibels of sound).

[3] https://oag.ca.gov/system/files/media/warehouse-best-practices.pdf.

consider the information in this document as you prepare the draft environmental impact report for this project.

Priority should be placed on avoiding land use conflicts between warehouses and sensitive receptors and on mitigating the impacts of any unavoidable land use conflicts. However, even projects located far from sensitive receptors may contribute to harmful regional air pollution, so you should consider measures to reduce emissions associated with the project to help the State meet its air quality goals. A distant warehouse may also impact sensitive receptors if trucks must pass near sensitive receptors to visit the warehouse.

The Bureau will continue to monitor proposed warehouse projects for compliance with the California Environmental Quality Act and other laws. We are available to discuss as you prepare the draft environmental impact report and consider how to guide warehouse development in your jurisdiction. Please do not hesitate to contact the Environmental Justice Bureau at ej@doj.ca.gov if you have any questions.

Sincerely,



CHRISTIE VOSBURG
Supervising Deputy Attorney General

For ROB BONTA
Attorney General

l

ROB BONTA
Attorney General

State of California
DEPARTMENT OF JUSTICE

Warehouse Projects: Best Practices and Mitigation Measures to Comply with the California Environmental Quality Act

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In carrying out its duty to enforce laws across California, the California Attorney General's Bureau of Environmental Justice (Bureau)[1] regularly reviews proposed warehouse projects for compliance with the California Environmental Quality Act (CEQA) and other laws. When necessary, the Bureau submits comment letters to lead agencies regarding warehouse projects, and in rare cases the Bureau has filed litigation to enforce CEQA.[2] This document builds upon the Bureau's work on warehouse projects, collecting information gained from the Bureau's review of hundreds of warehouse projects across the state.[3] It is meant to help lead agencies pursue CEQA compliance and promote environmentally-just development as they confront warehouse project proposals.[4] While CEQA analysis is necessarily project-specific, this document provides information on feasible best practices and mitigation measures, nearly all of which have been adapted from actual warehouse projects in California.

I. Background

In recent years, the proliferation of e-commerce and rising consumer expectations of rapid shipping have contributed to a boom in warehouse development.[5] California, with its ports, population centers, and transportation network, has found itself at the center of this trend. In 2020, the Ports of Los Angeles, Long Beach, and Oakland collectively accounted for over 34% of all United States international container trade.[6] The Ports of Los Angeles and Long Beach alone generate about 35,000 container truck trips every day.[7] Accordingly, the South Coast Air Basin now contains approximately 3,000 warehouses of over 100,000 square feet each, with a total warehouse capacity of approximately 700 million square feet, an increase of 20 percent over the last five years.[8] This trend has only accelerated, with e-commerce growing to

[1] https://oag.ca.gov/environment/justice.
[2] https://oag.ca.gov/environment/ceqa; *People of the State of California v. City of Fontana* (Super. Ct. San Bernardino County, No. CIVSB2121829); *South Central Neighbors United et al. v. City of Fresno et al.* (Super. Ct. Fresno County, No. 18CECG00690).
[3] This September 2022 version revises and replaces the prior March 2021 version of this document.
[4] Anyone reviewing this document to determine CEQA compliance responsibilities should consult their own attorney for legal advice.
[5] As used in this document, "warehouse" or "logistics facility" is defined as a facility consisting of one or more buildings that stores cargo, goods, or products on a short- or long-term basis for later distribution to businesses and/or retail customers.
[6] Data from the Bureau of Transportation Statistics, Container TEUs (Twenty-foot Equivalent Units) (2020), https://data.bts.gov/stories/s/Container-TEU/x3fb-aeda/ (Ports of Los Angeles, Long Beach, and Oakland combined for 14.157 million TEUs, 34% of 41.24 million TEUs total nationwide) (last accessed September 18, 2022).
[7] U.S. Dept. of Transportation, Federal Highway Administration, *FHWA Operations Support – Port Peak Pricing Program Evaluation* (2020), available at https://ops.fhwa.dot.gov/publications/fhwahop09014/sect2.htm (last accessed September 18, 2022).
[8] South Coast Air Qual. Mgmt. Dist., *Final Socioeconomic Assessment for Proposed Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program and Proposed Rule 316 – Fees for Rule 2305*, at 7-8, 41 (May 2021).

13% of all retail sales and 2021 being a second consecutive record year for new warehouse space leased.[9] The latest data and forecasts predict that the next wave of warehouse development will be in the Central Valley.[10]

When done properly, these activities can contribute to the economy and consumer welfare. However, imprudent warehouse development can harm local communities and the environment. Among other pollutants, diesel trucks visiting warehouses emit nitrogen oxide (NO_x)—a primary precursor to smog formation and a significant factor in the development of respiratory problems like asthma, bronchitis, and lung irritation—and diesel particulate matter (a subset of fine particular matter that is smaller than 2.5 micrometers)—a contributor to cancer, heart disease, respiratory illnesses, and premature death.[11] Trucks and on-site loading activities can also be loud, bringing disruptive noise levels during 24/7 operation that can cause hearing damage after prolonged exposure.[12] The hundreds, and sometimes thousands, of daily truck and passenger car trips that warehouses generate contribute to traffic jams, deterioration of road surfaces, and traffic accidents.

These environmental impacts also tend to be concentrated in neighborhoods already suffering from disproportionate health impacts and systemic vulnerability. For example, a comprehensive study by the South Coast Air Quality Management District found that communities located near large warehouses scored far higher on California's environmental justice screening tool, which measures overall pollution and demographic vulnerability.[13] That

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[9] U.S. Census Bureau News, Quarterly Retail E-Commerce Sales 4th Quarter 2021 (February 22, 2022), https://www.census.gov/retail/mrts/www/data/pdf/ec_current.pdf (last accessed September 18, 2022); CBRE Research, *2022 North America Industrial Big Box Report: Review and Outlook*, at 2-3 (March 2022), *available at* https://www.cbre.com/insights/reports/2022-north-america-industrial-big-box#download-report (last accessed September 18, 2022).

[10] CBRE Research, *supra note* 9, at 4, 36; New York Times, *Warehouses Are Headed to the Central Valley, Too* (Jul. 22, 2020), *available* at https://www.nytimes.com/2020/07/22/us/coronavirus-ca-warehouse-workers.html.

[11] California Air Resources Board, Nitrogen Dioxide & Health, https://ww2.arb.ca.gov/resources/nitrogen-dioxide-and-health (last accessed September 18, 2022) (NOx); California Air Resources Board, Summary: Diesel Particular Matter Health Impacts, https://ww2.arb.ca.gov/resources/summary-diesel-particulate-matter-health-impacts (last accessed September 18, 2022); Office of Environmental Health Hazard Assessment and American Lung Association of California, Health Effects of Diesel Exhaust, https://oehha.ca.gov/media/downloads/calenviroscreen/indicators/diesel4-02.pdf (last accessed September 18, 2022) (DPM).

[12] Noise Sources and Their Effects, https://www.chem.purdue.edu/chemsafety/Training/PPETrain/dblevels.htm (last accessed September 18, 2022) (a diesel truck moving 40 miles per hour, 50 feet away, produces 84 decibels of sound).

[13] South Coast Air Quality Management District, "Final Socioeconomic Assessment for Proposed Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program and Proposed Rule 316 – Fees for Rule 2305" (May 2021), at 4-5.

study concluded that, compared to the South Coast Air Basin averages, communities in the South Coast Air Basin near large warehouses had a substantially higher proportion of people of color; were exposed to more diesel particulate matter; had higher rates of asthma, cardiovascular disease, and low birth weights; and had higher poverty and unemployment rates.[14] Each area has its own unique history, but many of these impacts and vulnerabilities reflect historic redlining practices in these communities, which devalued land and concentrated poverty, racial outgroups, and pollution into designated areas.[15]

II. Proactive Planning: General Plans, Local Ordinances, and Good Neighbor Policies

To systematically guide warehouse development, we encourage local governing bodies to proactively plan for logistics projects in their jurisdictions. Proactive planning allows jurisdictions to prevent land use conflicts before they materialize and direct sustainable development. Benefits also include providing a predictable business environment, protecting residents from environmental harm, and setting consistent expectations jurisdiction-wide.

Proactive planning can take many forms. Land use designation and zoning decisions should channel development into appropriate areas. For example, establishing industrial districts near major highway and rail corridors but away from sensitive receptors[16] can help attract investment while avoiding conflicts between warehouse facilities and residential communities. Transition zones with lighter industrial and commercial land uses may also help minimize conflicts between residential and industrial uses.

In addition, general plan policies, local ordinances, and good neighbor policies should set minimum standards for logistics projects. General plan policies can be incorporated into existing economic development, land use, circulation, or other related general plan elements. Many jurisdictions alternatively choose to consolidate policies in a separate environmental justice element. Adopting general plan policies to guide warehouse development may also help

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[14] *Id*. at 5-7.

[15] Beginning in the 1930s, federal housing policy directed investment away from Black, immigrant, and working-class communities by color-coding neighborhoods according to the purported "riskiness" of loaning to their residents. In California cities where such "redlining" maps were drawn, nearly all of the communities where warehouses are now concentrated were formerly coded "red," signifying the least desirable areas where investment was to be avoided. *See* University of Richmond Digital Scholarship Lab, Mapping Inequality, https://dsl.richmond.edu/panorama/redlining/#loc=12/33.748/-118.272&city=los-angeles-ca (Los Angeles), https://dsl.richmond.edu/panorama/redlining/#loc=13/32.685/-117.132&city=san-diego-ca (San Diego), https://dsl.richmond.edu/panorama/redlining/#loc=11/37.81/-122.38&city=oakland-ca (Oakland), https://dsl.richmond.edu/panorama/redlining/#loc=13/37.956/-121.326&city=stockton-ca (Stockton), https://dsl.richmond.edu/panorama/redlining/#loc=12/36.751/-119.86&city=fresno-ca (Fresno) (all last accessed September 18, 2022).

[16] In this document, "sensitive receptors" refers to residences, schools, public recreation facilities, health care facilities, places of worship, daycare facilities, community centers, or incarceration facilities.

jurisdictions comply with their obligations under SB 1000, which requires local government general plans to identify objectives and policies to reduce health risks in disadvantaged communities, promote civil engagement in the public decision making process, and prioritize improvements and programs that address the needs of disadvantaged communities.[17]

Local ordinances and good neighbor policies that set development standards for all warehouses in the jurisdiction are a critical and increasingly common tool that serve several goals. When well-designed, these ordinances direct investment to local improvements, provide predictability for developers, conserve government resources by streamlining project review processes, and reduce the environmental impacts of industrial development. While many jurisdictions have adopted warehouse-specific development standards, an ordinance in the City of Fontana provides an example to review and build upon.[18] Good neighbor policies in Riverside County and by the Western Riverside Council of Government include additional measures worth consideration.[19]

The Bureau encourages jurisdictions to adopt their own local ordinances that combine the strongest policies from those models with measures discussed in the remainder of this document.

III. Community Engagement

Early and consistent community engagement is central to establishing good relationships between communities, lead agencies, and warehouse developers and tenants. Robust community engagement can give lead agencies access to community residents' on-the-ground knowledge and information about their concerns, build community support for projects, and develop creative solutions to ensure new logistics facilities are mutually beneficial. Examples of best practices for community engagement include:

- Holding a series of community meetings at times and locations convenient to members of the affected community and incorporating suggestions into the project design.
- Posting information in hard copy in public gathering spaces and on a website about the project. The information should include a complete, accurate project description, maps and drawings of the project design, and information about how the public can provide input and be involved in the project approval process. The

[17] For more information about SB 1000, *see* https://oag.ca.gov/environment/sb1000.
[18] https://oag.ca.gov/system/files/attachments/press-docs/Final%20Signed%20Fontana%20Ordinance.pdf (last accessed September 18, 2022).
[19] For example, the Riverside County policy requires community benefits agreements and supplemental funding contributions toward additional pollution offsets, and the Western Riverside Council of Governments policy sets a minimum buffer zone of 300 meters between warehouses and sensitive receptors. https://www.rivcocob.org/wp-content/uploads/2020/01/Good-Neighbor-Policy-F-3-Final-Adopted.pdf (last accessed September 18, 2022) (Riverside County); http://www.wrcog.cog.ca.us/DocumentCenter/View/318/Good-Neighbor-Guidelines-for-Siting-Warehouse-Distribution-Facilities-PDF?bidId= (last accessed September 18, 2022) (Western Riverside Council of Governments).

information should be in a format that is easy to navigate and understand for members of the affected community.

- Providing notice by mail to residents and schools within a certain radius of the project and along transportation corridors to be used by vehicles visiting the project, and by posting a prominent sign on the project site. The notice should include a brief project description and directions for accessing complete information about the project and for providing input on the project.
- Providing translation or interpretation in residents' native language, where appropriate.
- For public meetings broadcast online or otherwise held remotely, providing for access and public comment by telephone and supplying instructions for access and public comment with ample lead time prior to the meeting.
- Partnering with local community-based organizations to solicit feedback, leverage local networks, co-host meetings, and build support.
- Considering adoption of a community benefits agreement, negotiated with input from affected residents and businesses, by which the developer provides benefits to the affected community.
- Creating a community advisory board made up of local residents to review and provide feedback on project proposals in early planning stages.
- Identifying a person to act as a community liaison concerning on-site construction activity and operations, and providing contact information for the community liaison to the surrounding community.
- Requiring signage in public view at warehouse facilities with contact information for a local designated representative for the facility operator who can receive community complaints, and requiring any complaints to be answered by the facility operator within 48 hours of receipt.

IV. Warehouse Siting and Design Considerations

The most important consideration when planning a logistics facility is its location. Warehouses located in residential neighborhoods or near sensitive receptors expose community residents and those using or visiting sensitive receptor sites to the air pollution, noise, traffic, and other environmental impacts they generate. Therefore, placing facilities away from sensitive receptors significantly reduces their environmental and quality of life harms on local communities. The suggested best practices for siting and design of warehouse facilities does not relieve lead agencies' responsibility under CEQA to conduct a project-specific analysis of the project's impacts and evaluation of feasible mitigation measures and alternatives; lead agencies' incorporation of the best practices must be part of the impact, mitigation and alternatives analyses to meet the requirements of CEQA. Examples of best practices when siting and designing warehouse facilities include:

- Per California Air Resources Board (CARB) guidance, siting warehouse facilities so that their property lines are at least 1,000 feet from the property lines of the nearest sensitive receptors.[20]
- Providing adequate amounts of on-site parking to prevent trucks and other vehicles from parking or idling on public streets and to reduce demand for off-site truck yards.
- Establishing setbacks from the property line of the nearest sensitive receptor to warehouse dock doors, loading areas, and truck drive aisles, and locating warehouse dock doors, loading areas, and truck drive aisles on the opposite side of the building from the nearest sensitive receptors—e.g., placing dock doors on the north side of the facility if sensitive receptors are near the south side of the facility.
- Placing facility entry and exit points from the public street away from sensitive receptors—e.g., placing these points on the north side of the facility if sensitive receptors are adjacent to the south side of the facility.
- Ensuring heavy duty trucks abide by the on-site circulation plans by constructing physical barriers to block those trucks from using areas of the project site restricted to light duty vehicles or emergency vehicles only.
- Preventing truck queuing spillover onto surrounding streets by positioning entry gates after a minimum of 140 feet of space for queuing, and increasing the distance by 70 feet for every 20 loading docks beyond 50 docks.
- Locating facility entry and exit points on streets of higher commercial classification that are designed to accommodate heavy duty truck usage.
- Screening the warehouse site perimeter and onsite areas with significant truck traffic (e.g., dock doors and drive aisles) by creating physical, structural, and/or vegetative buffers that prevent or substantially reduce pollutant and noise dispersion from the facility to sensitive receptors.
- Planting exclusively 36-inch box evergreen trees to ensure faster maturity and four-season foliage.
- Requiring all property owners and successors in interest to maintain onsite trees and vegetation for the duration of ownership, including replacing any dead or unhealthy trees and vegetation.
- Posting signs clearly showing the designated entry and exit points from the public street for trucks and service vehicles.
- Including signs and drive aisle pavement markings that clearly identify onsite circulation patterns to minimize unnecessary onsite vehicle travel.
- Posting signs indicating that all parking and maintenance of trucks must be conducted within designated on-site areas and not within the surrounding community or public streets.

[20] CARB, Air Quality and Land Use Handbook: A Community Health Perspective (April 2005), at ES-1. CARB staff has released draft updates to this siting and design guidance which suggests a greater distance may be warranted in some scenarios. CARB, Concept Paper for the Freight Handbook (December 2019), *available at* https://ww2.arb.ca.gov/sites/default/files/2020-03/2019.12.12%20-%20Concept%20Paper%20for%20the%20Freight%20Handbook_1.pdf (last accessed September 18, 2022).

V. Air Quality and Greenhouse Gas Emissions Analysis and Mitigation

Emissions of air pollutants and greenhouse gases are often among the most substantial environmental impacts from new warehouse facilities. CEQA compliance demands a proper accounting of the full air quality and greenhouse gas impacts of logistics facilities and adoption of all feasible mitigation of significant impacts. Although efforts by CARB and other authorities to regulate the heavy-duty truck and off-road diesel fleets have made excellent progress in reducing the air quality impacts of logistics facilities, the opportunity remains for local jurisdictions to further mitigate these impacts at the project level. Lead agencies and developers should also consider designing projects with their long-term viability in mind. Constructing the necessary infrastructure to prepare for the zero-emission future of goods movement not only reduces a facility's emissions and local impact now, but it can also save money as demand for zero-emission infrastructure grows. In planning new logistics facilities, the Bureau strongly encourages developers to consider the local, statewide, and global impacts of their projects' emissions.

Examples of best practices when studying air quality and greenhouse gas impacts include:

- Fully analyzing all reasonably foreseeable project impacts, including cumulative impacts. In general, new warehouse developments are not ministerial under CEQA because they involve public officials' personal judgment as to the wisdom or manner of carrying out the project, even when warehouses are permitted by a site's applicable zoning and/or general plan land use designation.[21]
- When analyzing cumulative impacts, thoroughly considering the project's incremental impact in combination with past, present, and reasonably foreseeable future projects, even if the project's individual impacts alone do not exceed the applicable significance thresholds.
- Preparing a quantitative air quality study in accordance with local air district guidelines.
- Preparing a quantitative health risk assessment in accordance with California Office of Environmental Health Hazard Assessment and local air district guidelines.
- Refraining from labeling compliance with CARB or air district regulations as a mitigation measure—compliance with applicable regulations is required regardless of CEQA.
- Disclosing air pollution from the entire expected length of truck trips. CEQA requires full public disclosure of a project's anticipated truck trips, which entails calculating truck trip length based on likely truck trip destinations, rather than the distance from the facility to the edge of the air basin, local jurisdiction, or other truncated endpoint. All air pollution associated with the project must be considered, regardless of where those impacts occur.

[21] CEQA Guidelines § 15369.

- Accounting for all reasonably foreseeable greenhouse gas emissions from the project, without discounting projected emissions based on participation in California's Cap-and-Trade Program.

Examples of measures to mitigate air quality and greenhouse gas impacts from construction are below. To ensure mitigation measures are enforceable and effective, they should be imposed as permit conditions on the project where applicable.

- Requiring off-road construction equipment to be hybrid electric-diesel or zero-emission, where available, and all diesel-fueled off-road construction equipment to be equipped with CARB Tier IV-compliant engines or better, and including this requirement in applicable bid documents, purchase orders, and contracts, with successful contractors demonstrating the ability to supply the compliant construction equipment for use prior to any ground-disturbing and construction activities.
- Prohibiting off-road diesel-powered equipment from being in the "on" position for more than 10 hours per day.
- Using electric-powered hand tools, forklifts, and pressure washers, and providing electrical hook ups to the power grid rather than use of diesel-fueled generators to supply their power.
- Designating an area in the construction site where electric-powered construction vehicles and equipment can charge.
- Limiting the amount of daily grading disturbance area.
- Prohibiting grading on days with an Air Quality Index forecast of greater than 100 for particulates or ozone for the project area.
- Forbidding idling of heavy equipment for more than three minutes.
- Keeping onsite and furnishing to the lead agency or other regulators upon request, all equipment maintenance records and data sheets, including design specifications and emission control tier classifications.
- Conducting an on-site inspection to verify compliance with construction mitigation and to identify other opportunities to further reduce construction impacts.
- Using paints, architectural coatings, and industrial maintenance coatings that have volatile organic compound levels of less than 10 g/L.
- Providing information on transit and ridesharing programs and services to construction employees.
- Providing meal options onsite or shuttles between the facility and nearby meal destinations for construction employees.

Examples of measures to mitigate air quality and greenhouse gas impacts from operation include:

- Requiring all heavy-duty vehicles engaged in drayage[22] to or from the project site to be zero-emission beginning in 2030.

[22] "Drayage" refers generally to transport of cargo to or from a seaport or intermodal railyard.

- Requiring all on-site motorized operational equipment, such as forklifts and yard trucks, to be zero-emission with the necessary charging or fueling stations provided.
- Requiring tenants to use zero-emission light- and medium-duty vehicles as part of business operations.
- Forbidding trucks from idling for more than three minutes and requiring operators to turn off engines when not in use.
- Posting both interior- and exterior-facing signs, including signs directed at all dock and delivery areas, identifying idling restrictions and contact information to report violations to CARB, the local air district, and the building manager.
- Installing solar photovoltaic systems on the project site of a specified electrical generation capacity that is equal to or greater than the building's projected energy needs, including all electrical chargers.
- Designing all project building roofs to accommodate the maximum future coverage of solar panels and installing the maximum solar power generation capacity feasible.
- Constructing zero-emission truck charging/fueling stations proportional to the number of dock doors at the project.
- Running conduit to designated locations for future electric truck charging stations.
- Unless the owner of the facility records a covenant on the title of the underlying property ensuring that the property cannot be used to provide refrigerated warehouse space, constructing electric plugs for electric transport refrigeration units at every dock door and requiring truck operators with transport refrigeration units to use the electric plugs when at loading docks.
- Oversizing electrical rooms by 25 percent or providing a secondary electrical room to accommodate future expansion of electric vehicle charging capability.
- Constructing and maintaining electric light-duty vehicle charging stations proportional to the number of employee parking spaces (for example, requiring at least 10% of all employee parking spaces to be equipped with electric vehicle charging stations of at least Level 2 charging performance)
- Running conduit to an additional proportion of employee parking spaces for a future increase in the number of electric light-duty charging stations.
- Installing and maintaining, at the manufacturer's recommended maintenance intervals, air filtration systems at sensitive receptors within a certain radius of facility for the life of the project.
- Installing and maintaining, at the manufacturer's recommended maintenance intervals, an air monitoring station proximate to sensitive receptors and the facility for the life of the project, and making the resulting data publicly available in real time. While air monitoring does not mitigate the air quality or greenhouse gas impacts of a facility, it nonetheless benefits the affected community by providing information that can be used to improve air quality or avoid exposure to unhealthy air.
- Requiring all stand-by emergency generators to be powered by a non-diesel fuel.
- Requiring facility operators to train managers and employees on efficient scheduling and load management to eliminate unnecessary queuing and idling of

trucks.

- Requiring operators to establish and promote a rideshare program that discourages single-occupancy vehicle trips and provides financial incentives for alternate modes of transportation, including carpooling, public transit, and biking.
- Meeting CalGreen Tier 2 green building standards, including all provisions related to designated parking for clean air vehicles, electric vehicle charging, and bicycle parking.
- Designing to LEED green building certification standards.
- Providing meal options onsite or shuttles between the facility and nearby meal destinations.
- Posting signs at every truck exit driveway providing directional information to the truck route.
- Improving and maintaining vegetation and tree canopy for residents in and around the project area.
- Requiring that every tenant train its staff in charge of keeping vehicle records in diesel technologies and compliance with CARB regulations, by attending CARB-approved courses. Also require facility operators to maintain records on-site demonstrating compliance and make records available for inspection by the local jurisdiction, air district, and state upon request.
- Requiring tenants to enroll in the United States Environmental Protection Agency's SmartWay program, and requiring tenants who own, operate, or hire trucking carriers with more than 100 trucks to use carriers that are SmartWay carriers.
- Providing tenants with information on incentive programs, such as the Carl Moyer Program and Voucher Incentive Program, to upgrade their fleets.

VI. Noise Impacts Analysis and Mitigation

The noise associated with logistics facilities can be among their most intrusive impacts to nearby sensitive receptors. Various sources, such as unloading activity, diesel truck movement, and rooftop air conditioning units, can contribute substantial noise pollution. These impacts are exacerbated by logistics facilities' typical 24-hour, seven-days-per-week operation. Construction noise is often even greater than operational noise, so if a project site is near sensitive receptors, developers and lead agencies should adopt measures to reduce the noise generated by both construction and operation activities.

Examples of best practices when studying noise impacts include:

- Preparing a noise impact analysis that considers all reasonably foreseeable project noise impacts, including to nearby sensitive receptors. All reasonably foreseeable project noise impacts encompasses noise from both construction and operations, including stationary, on-site, and off-site noise sources.
- Adopting a lower significance threshold for incremental noise increases when baseline noise already exceeds total noise significance thresholds, to account for the cumulative impact of additional noise and the fact that, as noise moves up the decibel scale, each decibel increase is a progressively greater increase in sound

pressure than the last. For example, 70 dBA is ten times more sound pressure than 60 dBA.

- Disclosing and considering the significance of short-term noise levels associated with all aspects of project operation (i.e. both on-site noise generation and off-site truck noise). Considering only average noise levels may mask noise impacts sensitive receptors would consider significant—for example, the repeated but short-lived passing of individual trucks or loading activities at night.

Examples of measures to mitigate noise impacts include:

- Constructing physical, structural, or vegetative noise barriers on and/or off the project site.
- Planning and enforcing truck routes that avoid passing sensitive receptors.
- Locating or parking all stationary construction equipment as far from sensitive receptors as possible, and directing emitted noise away from sensitive receptors.
- Verifying that construction equipment has properly operating and maintained mufflers.
- Requiring all combustion-powered construction equipment to be surrounded by a noise protection barrier
- Limiting operation hours to daytime hours on weekdays.
- Paving roads where truck traffic is anticipated with low noise asphalt.
- Orienting any public address systems onsite away from sensitive receptors and setting system volume at a level not readily audible past the property line.

VII. Traffic Impacts Analysis and Mitigation

Warehouse facilities inevitably bring truck and passenger car traffic. Truck traffic can present substantial safety issues. Collisions with heavy-duty trucks are especially dangerous for passenger cars, motorcycles, bicycles, and pedestrians. These concerns can be even greater if truck traffic passes through residential areas, school zones, or other places where pedestrians are common and extra caution is warranted.

Examples of measures to mitigate traffic impacts include:

- Designing, clearly marking, and enforcing truck routes that keep trucks out of residential neighborhoods and away from other sensitive receptors.
- Installing signs in residential areas noting that truck and employee parking is prohibited.
- Requiring preparation and approval of a truck routing plan describing the facility's hours of operation, types of items to be stored, and truck routing to and from the facility to designated truck routes that avoids passing sensitive receptors. The plan should include measures for preventing truck queuing, circling, stopping, and parking on public streets, such as signage, pavement markings, and queuing analysis and enforcement. The plan should hold facility operators responsible for violations of the truck routing plan, and a revised plan should be required from any new tenant that occupies the property before a business license

is issued. The approving agency should retain discretion to determine if changes to the plan are necessary, including any additional measures to alleviate truck routing and parking issues that may arise during the life of the facility.
- Constructing new or improved transit stops, sidewalks, bicycle lanes, and crosswalks, with special attention to ensuring safe routes to schools.
- Consulting with the local public transit agency and securing increased public transit service to the project area.
- Designating areas for employee pickup and drop-off.
- Implementing traffic control and safety measures, such as speed bumps, speed limits, or new traffic signs or signals.
- Placing facility entry and exit points on major streets that do not have adjacent sensitive receptors.
- Restricting the turns trucks can make entering and exiting the facility to route trucks away from sensitive receptors.
- Constructing roadway improvements to improve traffic flow.
- Preparing a construction traffic control plan prior to grading, detailing the locations of equipment staging areas, material stockpiles, proposed road closures, and hours of construction operations, and designing the plan to minimize impacts to roads frequented by passenger cars, pedestrians, bicyclists, and other non-truck traffic.

VIII. Other Significant Environmental Impacts Analysis and Mitigation

Warehouse projects may result in significant environmental impacts to other resources, such as to aesthetics, cultural resources, energy, geology, or hazardous materials. All significant adverse environmental impacts must be evaluated, disclosed and mitigated to the extent feasible under CEQA. Examples of best practices and mitigation measures to reduce environmental impacts that do not fall under any of the above categories include:

- Appointing a compliance officer who is responsible for implementing all mitigation measures, and providing contact information for the compliance officer to the lead agency, to be updated annually.
- Creating a fund to mitigate impacts on affected residents, schools, places of worship, and other community institutions by retrofitting their property. For example, retaining a contractor to retrofit/install HVAC and/or air filtration systems, doors, dual-paned windows, and sound- and vibration-deadening insulation and curtains.
- Sweeping surrounding streets on a daily basis during construction to remove any construction-related debris and dirt.
- Directing all lighting at the facility into the interior of the site.
- Using full cut-off light shields and/or anti-glare lighting.
- Requiring submission of a property maintenance program for agency review and approval providing for the regular maintenance of all building structures, landscaping, and paved surfaces.
- Using cool pavement to reduce heat island effects.

- Planting trees in parking areas to provide at least 35% shade cover of parking areas within fifteen years to reduce heat island impacts.
- Using light colored roofing materials with a solar reflective index of 78 or greater.
- Including on-site amenities, such as a truck operator lounge with restrooms, vending machines, and air conditioning, to reduce the need for truck operators to idle or travel offsite.
- Designing skylights to provide natural light to interior worker areas.
- Installing climate control and air filtration in the warehouse facility to promote worker well-being.

IX. Conclusion

California's world-class economy, ports, and transportation network position it at the center of the e-commerce and logistics industry boom. At the same time, California is a global leader in environmental protection and environmentally just development. The guidance in this document furthers these dual strengths, ensuring that all can access the benefits of economic development. The Bureau will continue to monitor proposed projects for compliance with CEQA and other laws. Lead agencies, developers, community advocates, and other interested parties should feel free to reach out to us as they consider how to guide warehouse development in their area.

Please do not hesitate to contact the Environmental Justice Bureau at ej@doj.ca.gov if you have any questions.

State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
Inland Deserts Region
3602 Inland Empire Boulevard, Suite C-220
Ontario, CA 91764
www.wildlife.ca.gov

GAVIN NEWSOM, Governor
CHARLTON H. BONHAM, Director

October 20, 2023
Sent via email

Nathan Perez
City of Perris – Planning Division
135 North "D" Street
Perris, CA 92570

Subject: Notice of Preparation of a Draft Environmental Impact Report
Ethanac Logistics Center Project
State Clearinghouse No. 2020090525

Dear Nathan Perez:

The California Department of Fish and Wildlife (CDFW) received a Notice of Preparation (NOP) of a Draft Environmental Impact Report (DEIR) from the City of Perris (City) for the Ethanac Logistics Center Project (Project) pursuant the California Environmental Quality Act (CEQA) and CEQA Guidelines.[1]

Thank you for the opportunity to provide comments and recommendations regarding those activities involved in the Project that may affect California fish and wildlife. Likewise, we appreciate the opportunity to provide comments regarding those aspects of the Project that CDFW, by law, may be required to carry out or approve through the exercise of its own regulatory authority under the Fish and Game Code.

CDFW ROLE

CDFW is California's Trustee Agency for fish and wildlife resources and holds those resources in trust by statute for all the people of the State. (Fish & G. Code, §§ 711.7, subd. (a) & 1802; Pub. Resources Code, § 21070; CEQA Guidelines § 15386, subd. (a).) CDFW, in its trustee capacity, has jurisdiction over the conservation, protection, and management of fish, wildlife, native plants, and habitat necessary for biologically sustainable populations of those species. (*Id.*, § 1802.) Similarly, for purposes of CEQA, CDFW is charged by law to provide, as available, biological expertise during public agency environmental review efforts, focusing specifically on projects and related activities that have the potential to adversely affect fish and wildlife resources.

[1] CEQA is codified in the California Public Resources Code in section 21000 et seq. The "CEQA Guidelines" are found in Title 14 of the California Code of Regulations, commencing with section 15000.

CDFW is also submitting comments as a Responsible Agency under CEQA (Pub. Resources Code, § 21069; CEQA Guidelines, § 15381.). CDFW expects that it may need to exercise regulatory authority as provided by the Fish and Game Code. As proposed, for example, the Project may be subject to CDFW's lake and streambed alteration regulatory authority. (Fish & G. Code, § 1600 et seq.) Likewise, to the extent implementation of the Project as proposed may result in "take" as defined by State law of any species protected under the California Endangered Species Act (CESA) (Fish & G. Code, § 2050 et seq.), the Project proponent may seek related take authorization as provided by the Fish and Game Code.

PROJECT LOCATION

The proposed Project is located east of Interstate 215 and south of Highway 74, in the northeastern corner of Trumble Road and Ethanac Road in the City of Perris, County of Riverside. The proposed Project is located within Assessor's Parcel Number(s): 329-240-016, 329-240-017, 329-240-018, 329-240-019, 329-240-020, 329-240-023, 329-240-024, 329-240-025, 329-240-026, and 329-240-027. The site is located within the U.S. Geological Survey (USGS) 7.5- Romoland, California quadrangle; Township 5 South, Range 3 West, Section 10 of the San Bernardino Base and Meridian (SBBM).

PROJECT DESCRIPTION SUMMARY

The Project would consist of merging ten parcels at the Project site to create one approximately 20-acre parcel for the construction and operation of a 412,348-square-foot building that consists of 10,000 square feet of ground floor office area, 5,000 square feet of a mezzanine office area, and 397,348 square feet high-cubed warehouse area. The Project also includes infrastructure, appurtenances, associated parking areas, and associated offsite supporting improvements. Water and sewer connection will be achieved through the 12-inch waterline in Trumble Road and to the existing 15-inch sewer line in Ethanac Road. The Project also includes approximately 12 acres of offsite improvements associated with storm drain facilities and roadway improvements. Drainage improvements would require an extension of City Line A, located along the west side of Trumble Road. Drainage improvements would extend from the Project site north in Trumble Road to Illinois Avenue and then west to Interstate 215 in order to connect to existing master drainage plan Line A-11 and ultimately master drainage plan Line A. Construction of this line and repaving of Trumble Road would require encroachment permit from the City of Menifee since improvements may extend slightly beyond the centerline and for construction traffic control. The Project may also be required to improve the intersection of Ethanac and Trumble Roads in which these improvements would also require an encroachment permit from the City of Perris for construction traffic control and potential encroachment over the roadway centerline.

COMMENTS AND RECOMMENDATIONS

CDFW offers the comments and recommendations below to assist the City in adequately identifying and/or mitigating the Project's significant, or potentially significant, direct, and indirect impacts on fish and wildlife (biological) resources. The comments and recommendations are also offered to enable the CDFW to adequately review and comment on the proposed Project with respect to the Project's consistency with the MSHCP.

CDFW recommends that the forthcoming DEIR address the following:

Assessment of Biological Resources

Section 15125(c) of the CEQA Guidelines states that knowledge of the regional setting of a project is critical to the assessment of environmental impacts and that special emphasis should be placed on environmental resources that are rare or unique to the region. To enable CDFW staff to adequately review and comment on the Project, the DEIR should include a complete assessment of the flora and fauna within and adjacent to the Project footprint, with particular emphasis on identifying rare, threatened, endangered, and other sensitive species and their associated habitats.

CDFW recommends that the DEIR specifically include:

1. An assessment of the various habitat types located within the Project footprint, and a map that identifies the location of each habitat type. CDFW recommends that floristic, alliance- and/or association-based mapping and assessment be completed following *The Manual of California Vegetation*, second edition (Sawyer et al. 2009[2]). Adjoining habitat areas should also be included in this assessment where site activities could lead to direct or indirect impacts offsite. Habitat mapping at the alliance level will help establish baseline vegetation conditions.

2. A general biological inventory of the fish, amphibian, reptile, bird, and mammal species that are present or have the potential to be present within each habitat type onsite and within adjacent areas that could be affected by the Project. CDFW's California Natural Diversity Database (CNDDB) in Sacramento should be contacted at (916) 322-2493 or CNDDB@wildlife.ca.gov or https://wildlife.ca.gov/Data/CNDDB/Maps-and-Data to obtain current information on any previously reported sensitive species and habitat, including Significant Natural Areas identified under Chapter 12 of the Fish and Game Code, in the vicinity of the proposed Project.

[2] Sawyer, J. O., T. Keeler-Wolf, and J. M. Evens. 2009. A manual of California Vegetation, 2nd ed. California Native Plant Society Press, Sacramento, California. http://vegetation.cnps.org/

CDFW's CNDDB is not exhaustive in terms of the data it houses, nor is it an absence database. CDFW recommends that it be used as a starting point in gathering information about the *potential presence* of species within the general area of the Project site.

3. A complete, *recent* inventory of rare, threatened, endangered, and other sensitive species located within the Project footprint and within offsite areas with the potential to be affected, including California Species of Special Concern (CSSC) and California Fully Protected Species (Fish & G. Code, § 3511). Species to be addressed should include all those which meet the CEQA definition (CEQA Guidelines § 15380). The inventory should address seasonal variations in use of the Project area and should not be limited to resident species. Focused species-specific/MSHCP surveys, completed by a qualified biologist and conducted at the appropriate time of year and time of day when the sensitive species are active or otherwise identifiable, are required. Acceptable species-specific survey procedures should be developed in consultation with CDFW and the U.S. Fish and Wildlife Service, where necessary. Note that CDFW generally considers biological field assessments for wildlife to be valid for a one-year period, and assessments for rare plants may be considered valid for a period of up to three years. Some aspects of the proposed Project may warrant periodic updated surveys for certain sensitive taxa, particularly if the Project is proposed to occur over a protracted time frame, or in phases, or if surveys are completed during periods of drought.

4. A thorough, recent, floristic-based assessment of special status plants and natural communities, following CDFW's Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities (CDFW 2018[3]).

5. Information on the regional setting that is critical to an assessment of environmental impacts, with special emphasis on resources that are rare or unique to the region (CEQA Guidelines § 15125[c]).

6. A full accounting of all open space and mitigation/conservation lands within and adjacent to the Project.

Analysis of Direct, Indirect, and Cumulative Impacts to Biological Resources

The DEIR should provide a thorough discussion of the direct, indirect, and cumulative impacts expected to adversely affect biological resources as a result of the Project. To

3 CDFW, 2018. Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Sensitive Natural Communities, State of California, California Natural Resources Agency, Department of Fish and Wildlife: March 20, 2018 (https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline)

ensure that Project impacts to biological resources are fully analyzed, the following information should be included in the DEIR:

1. A discussion of potential impacts from lighting, noise, human activity (e.g., recreation), defensible space, and wildlife-human interactions created by zoning of development projects or other Project activities adjacent to natural areas, exotic and/or invasive species, and drainage. The latter subject should address Project-related changes on drainage patterns and water quality within, upstream, and downstream of the Project site, including: volume, velocity, and frequency of existing and post-Project surface flows; polluted runoff; soil erosion and/or sedimentation in streams and water bodies; and post-Project fate of runoff from the Project site.

2. A discussion of potential indirect Project impacts on biological resources, including resources in areas adjacent to the Project footprint, such as nearby public lands (e.g., National Forests, State Parks, etc.), open space, adjacent natural habitats, riparian ecosystems, wildlife corridors, and any designated and/or proposed reserve or mitigation lands (e.g., preserved lands associated with a Natural Community Conservation Plan, or other conserved lands).

3. An evaluation of impacts to on-site and adjacent open space lands from both the construction of the Project and any long-term operational and maintenance needs.

4. A cumulative effects analysis developed as described under CEQA Guidelines section 15130. The DEIR should analyze the cumulative effects of the plan's land use designations, policies, and programs on the environment. Please include all potential direct and indirect Project related impacts to riparian areas, wetlands, vernal pools, alluvial fan habitats, wildlife corridors or wildlife movement areas, aquatic habitats, sensitive species and other sensitive habitats, open lands, open space, and adjacent natural habitats in the cumulative effects analysis. General and specific plans, as well as past, present, and anticipated future projects, should be analyzed relative to their impacts on similar plant communities and wildlife habitats.

Alternatives Analysis

CDFW recommends the DEIR describe and analyze a range of reasonable alternatives to the Project that are potentially feasible, would "feasibly attain most of the basic objectives of the Project," and would avoid or substantially lessen any of the Project's significant effects (CEQA Guidelines § 15126.6[a]). The alternatives analysis should also evaluate a "no project" alternative (CEQA Guidelines § 15126.6[e]).

Objectives

Section 15124(b) of the CEQA Guidelines requires that the project description contain a clear statement of the project objectives. CDFW recommends that the DEIR should include an objective to demonstrate consistency with the MSHCP, including the

biological issues and considerations for Subunit 3 (Temescal Wash; page 3-456 of the MSHCP). These objectives include, but are not limited to, conservation of existing wetlands and upland habitat adjacent to Temescal Wash as well as maintaining a continuous linkage along Temescal Wash.

Mitigation Measures for Project Impacts to Biological Resources

The DEIR should identify mitigation measures and alternatives that are appropriate and adequate to avoid or minimize potential impacts, to the extent feasible. The Lead Agency should assess all direct, indirect, and cumulative impacts that are expected to occur as a result of the implementation of the Project and its long-term operation and maintenance. When proposing measures to avoid, minimize, or mitigate impacts, CDFW recommends consideration of the following:

1. *Fully Protected Species*: Unless otherwise authorized pursuant to Fish and Game Code section 2081.15, fully protected species may not be taken or possessed at any time. Project activities described in the DEIR should be designed to completely avoid any fully protected species that have the potential to be present within or adjacent to the Project area. CDFW also recommends that the DEIR fully analyze potential adverse impacts to fully protected species due to habitat modification, loss of foraging habitat, and/or interruption of migratory and breeding behaviors. CDFW recommends that the Lead Agency include in the analysis how appropriate avoidance, minimization, and mitigation measures will reduce indirect impacts to fully protected species.

2. *Sensitive Plant Communities*: CDFW considers sensitive plant communities to be imperiled habitats having both local and regional significance. Plant communities, alliances, and associations with a statewide ranking of S-1, S-2, S-3, and S-4 should be considered sensitive and declining at the local and regional level. These ranks can be obtained by querying the CNDDB and are included in *The Manual of California Vegetation* (Sawyer et al. 2009). The DEIR should include measures to fully avoid and otherwise protect sensitive plant communities from Project-related direct and indirect impacts.

3. *California Species of Special Concern* (CSSC): CSSC status applies to animals generally not listed under the federal Endangered Species Act or the CESA, but which nonetheless are declining at a rate that could result in listing, or historically occurred in low numbers and known threats to their persistence currently exist. CSSCs should be considered during the environmental review process. CSSC that have the potential or have been documented to occur within or adjacent to the Project area, including, but not limited to: western yellow bat, western spadefoot, burrowing owl, San Bernardino kangaroo rat, southern grasshopper mouse, coastal California gnatcatcher, and western mastiff bat.

4. *Mitigation*: CDFW considers adverse Project-related impacts to sensitive species and habitats to be significant to both local and regional ecosystems, and the DEIR should

include mitigation measures for adverse Project-related impacts to these resources. Mitigation measures should emphasize avoidance and reduction of Project impacts. For unavoidable impacts, onsite habitat restoration and/or enhancement, and preservation should be evaluated and discussed in detail. Where habitat preservation is not available onsite, offsite land acquisition, management, and preservation should be evaluated and discussed in detail.

The DEIR should include measures to perpetually protect the targeted habitat values within mitigation areas from direct and indirect adverse impacts in order to meet mitigation objectives to offset Project-induced qualitative and quantitative losses of biological values. Specific issues that should be addressed include restrictions on access, proposed land dedications, long-term monitoring and management programs, control of illegal dumping, water pollution, increased human intrusion, etc.

If sensitive species and/or their habitat may be impacted from the Project, CDFW recommends the inclusion of specific mitigation in the DEIR. CEQA Guidelines section 15126.4, subdivision (a)(1)(8) states that formulation of feasible mitigation measures should not be deferred until some future date. The Court of Appeal in *San Joaquin Raptor Rescue Center* v. *County* of *Merced* (2007) 149 Cal.App.4th 645 struck down mitigation measures which required formulating management plans developed in consultation with State and Federal wildlife agencies after Project approval. Courts have also repeatedly not supported conclusions that impacts are mitigable when essential studies, and therefore impact assessments, are incomplete *(Sundstrom* v. *County* of *Mendocino* (1988) 202 Cal. App. 3d. 296; *Gentry* v. *County* of *Murrieta (1995)* 36 Cal. App. 4th 1359; *Endangered Habitat League, Inc.* v. *County* of *Orange* (2005) 131 Cal. App. 4th 777).

CDFW recommends that the DEIR specify mitigation that is roughly proportional to the level of impacts, in accordance with the provisions of CEQA (CEQA Guidelines, §§ 15126.4(a)(4)(B), 15064, 15065, and 16355). The mitigation should provide long-term conservation value for the suite of species and habitat being impacted by the Project. Furthermore, in order for mitigation measures to be effective, they need to be specific, enforceable, and feasible actions that will improve environmental conditions.

5. *Habitat Revegetation/Restoration Plans*: Plans for restoration and revegetation should be prepared by persons with expertise in southern California ecosystems and native plant restoration techniques. Plans should identify the assumptions used to develop the proposed restoration strategy. Each plan should include, at a minimum: (a) the location of restoration sites and assessment of appropriate reference sites; (b) the plant species to be used, sources of local propagules, container sizes, and seeding rates; (c) a schematic depicting the mitigation area; (d) a local seed and cuttings and planting schedule; (e) a description of the irrigation methodology; (f) measures to control exotic vegetation on site; (g) specific success criteria; (h) a detailed monitoring program; (i) contingency measures should the success criteria not be met; and (j) identification of the party responsible for meeting the success criteria and providing for

conservation of the mitigation site in perpetuity. Monitoring of restoration areas should extend across a sufficient time frame to ensure that the new habitat is established, self-sustaining, and capable of surviving drought.

CDFW recommends that local onsite propagules from the Project area and nearby vicinity be collected and used for restoration purposes. Onsite seed collection should be initiated in advance of Project impacts in order to accumulate sufficient propagule material for subsequent use in future years. Onsite vegetation mapping at the alliance and/or association level should be used to develop appropriate restoration goals and local plant palettes. Reference areas should be identified to help guide restoration efforts. Specific restoration plans should be developed for various Project components as appropriate.

Restoration objectives should include protecting special habitat elements or re-creating them in areas affected by the Project; examples could include retention of woody material, logs, snags, rocks, and brush piles.

6. *Nesting Birds and Migratory Bird Treaty Act:* Please note that it is the Project proponent's responsibility to comply with all applicable laws related to nesting birds and birds of prey. Fish and Game Code sections 3503, 3503.5, and 3513 afford protective measures as follows: Fish and Game Code section 3503 makes it unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by Fish and Game Code or any regulation made pursuant thereto. Fish and Game Code section 3503.5 makes it unlawful to take, possess, or destroy any birds in the orders Falconiformes or Strigiformes (birds-of-prey) to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by Fish and Game Code or any regulation adopted pursuant thereto. Fish and Game Code section 3513 makes it unlawful to take or possess any migratory nongame bird as designated in the Migratory Bird Treaty Act or any part of such migratory nongame bird except as provided by rules and regulations adopted by the Secretary of the Interior under provisions of the Migratory Treaty Act.

   CDFW recommends that the DEIR include the results of avian surveys, as well as specific avoidance and minimization measures to ensure that impacts to nesting birds do not occur. Project-specific avoidance and minimization measures may include, but not be limited to: Project phasing and timing, monitoring of Project-related noise (where applicable), sound walls, and buffers, where appropriate. The DEIR should also include specific avoidance and minimization measures that will be implemented should a nest be located within the Project site. If pre-construction surveys are proposed in the DEIR, the CDFW recommends that they be required no more than three (3) days prior to vegetation clearing or ground disturbance activities, as instances of nesting could be missed if surveys are conducted sooner.

7. *Moving out of Harm's Way:* To avoid direct mortality, CDFW recommends that the lead agency condition the DEIR to require that a CDFW-approved qualified biologist

be retained to be onsite prior to and during all ground- and habitat-disturbing activities to move out of harm's way special status species or other wildlife of low or limited mobility that would otherwise be injured or killed from Project-related activities. Movement of wildlife out of harm's way should be limited to only those individuals that would otherwise by injured or killed, and individuals should be moved only as far a necessary to ensure their safety (i.e., CDFW does not recommend relocation to other areas). Furthermore, it should be noted that the temporary relocation of onsite wildlife does not constitute effective mitigation for the purposes of offsetting Project impacts associated with habitat loss.

8. *Translocation of Species*: CDFW generally does not support the use of relocation, salvage, and/or transplantation as mitigation for impacts to rare, threatened, or endangered species as studies have shown that these efforts are experimental in nature and largely unsuccessful.

California Endangered Species Act

CDFW is responsible for ensuring appropriate conservation of fish and wildlife resources including threatened, endangered, and/or candidate plant and animal species, pursuant to CESA. CDFW recommends that a CESA Incidental Take Permit (ITP) be obtained if the Project has the potential to result in "take" (California Fish andGame Code Section 86 defines "take" as "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill") of State-listed CESA species, either through construction or over the life of the Project. It is the policy of CESA to conserve, protect, enhance, and restore State-listed CESA species and their habitats.

CDFW encourages early consultation, as significant modification to the proposed Project and avoidance, minimization, and mitigation measures may be necessary to obtain a CESA ITP. The California Fish and Game Code requires that CDFW comply with CEQA for issuance of a CESA ITP. CDFW therefore recommends that the DEIR addresses all Project impacts to listed species and specifies a mitigation monitoring andreporting program that will meet the requirements of CESA.

Western Riverside County Multiple Species Habitat Conservation Plan

CDFW issued Natural Community Conservation Plan Approval and Take Authorization for the Western Riverside County MSHCP per Section 2800, *et seq*., of the California Fish and Game Code on June 22, 2004. The MSHCP establishes a multiple species conservation program to minimize and mitigate habitat loss and provides for the incidental take of covered species in association with activities covered under the permit.

Compliance with approved habitat plans, such as the MSHCP, is discussed in CEQA. Specifically, Section 15125(d) of the CEQA Guidelines requires that the CEQA document discuss any inconsistencies between a proposed Project and applicable

general plans and regional plans, including habitat conservation plans and natural community conservation plans. An assessment of the impacts to the MSHCP as a result of this Project is necessary to address CEQA requirements. To obtain additional information regarding the MSHCP please go to: https://www.wrc-rca.org/.

The proposed Project occurs within the MSHCP area and is subject to the provisions and policies of the MSHCP. To be considered a covered activity, Permittees need to demonstrate that proposed actions are consistent with the MSHCP, the Permits, and the Implementing Agreement. The City is the Lead Agency and is signatory to the Implementing Agreement of the MSHCP. To demonstrate consistency with the MSHCP, as part of the CEQA review, the City shall ensure the Project implements the following:

1. Pays Local Development Mitigation Fees and other relevant fees as set forth in Section 8.5 of the MSHCP.

2. Demonstrates compliance with the policies for 1) the Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools, set forth in Section 6.1.2 of the MSHCP; 2) the surveys set forth in Section 6.3.2; and 3) compliance with the Best Management Practices and the siting, construction, design, operation, and maintenance guidelines as set forth in Section 7.0 and Appendix C of the MSHCP.

Following this sequential identification of the relationship of the Project to the MSHCP the DEIR should then include an in-depth discussion of the Project in the context of these aforementioned elements, and as mentioned, examine how the Project might contribute to, or conflict with, the conservation criteria of the MSHCP.

Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools.

The procedures described in Protection of Species Associated with Riparian/Riverine Areas and Vernal Pools section (MSHCP Section 6.1.2) are to ensure that the biological functions and values of these areas are maintained throughout the MSHCP area. Additionally, this process helps identify areas to consider for priority acquisition, as well as those functions that may affect downstream values related to Conservation of Covered Species within the MSHCP Conservation Area. The assessment of riparian/riverine and vernal pool resources may be completed as part of the CEQA review process as set forth in Article V of the State CEQA Guidelines. However, the MSHCP identifies that the U.S. Fish and Wildlife Service and CDFW shall be notified in advance of approval of public or private projects of draft determinations for the biologically equivalent or superior determination findings associated with the Protection of Wetland Habitats and Species policies presented in Section 6.1.2 of the MSHCP (MSHCP Section 6.11). As required by MSHCP, completion of the DBESP process prior to adoption of the environmental document ensures that the project is consistent with the MSHCP and provides public disclosure and transparency during the CEQA process by identifying the project impacts and mitigation for wetland habitat, a requirement of CEQA Guidelines, §§ 15071, subds.(a)-(e).

The MSHCP identifies that assessment of these areas include identification and mapping of riparian/riverine areas and vernal pools. The assessment shall consider species composition, topography/ hydrology, and soil analysis, where appropriate. The documentation for the assessment shall include mapping and a description of the functions and values of the mapped areas with respect to the species identified in Section 6.1.2 of the MSHCP. Factors to be considered include hydrologic regime, flood storage and flood-flow modification, nutrient retention and transformation, sediment trapping and transport, toxicant trapping, public use, wildlife Habitat, and aquatic Habitat.

The MSHCP identifies that for mapped riparian/riverine and vernal pool resources that are not included in the MSHCP conservation area, applicable mitigation under CEQA, shall be imposed by the Permittee (in this case the Lead Agency). Further, the MSHCP identifies that to ensure the standards in Section 6.1.2 are met, the Permittee shall ensure that, through the CEQA process, project applicants develop project alternatives demonstrating efforts that first avoid, and then minimize direct and indirect effects to the wetlands mapped pursuant to Section 6.1.2. If an avoidance alternative is not feasible,a practicable alternative that minimizes direct and indirect effects to riparian/riverine areas and vernal pools and associated functions and values to the greatest extent possible shall be selected. Those impacts that are unavoidable shall be mitigated such that the lost functions and values as they relate to Covered Species are replaced as through the Determination of Biologically Equivalent or Superior Preservation (DBESP). The City is required to ensure the Applicant completes the DBESP process prior to completion of the DEIR to demonstrate implementation of MSHCP requirements in the CEQA documentation.

Within the Project site, the following MSHCP requirements apply for the Additional Survey Needs and Procedures (MSHCP Section 6.3.2):

Burrowing Owl (*Athene cunicularia*)

The Project site has the potential to provide suitable foraging and/or nesting habitat for burrowing owl. Take of individual burrowing owls and their nests is defined by Fish and Game Code section 86, and prohibited by sections 3503, 3503.5 and 3513. Take is defined in Fish and Game Code section 86 as “hunt, pursue, catch, captureor kill, or attempt to hunt, pursue, catch, capture or kill.”

CDFW recommends that the Lead Agency follow the survey instructions in the “Burrowing Owl Survey Instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area”[4] . The Survey Instructions specify that first a habitat assessment is conducted. If suitable habitat is not found on site, simply reporting the site

4 https://www.wrc-rca.org/species/survey_protocols/burrowing_owl_survey_instructions.pdf

is disturbed or under agricultural/dairy use is not acceptable. A written report must be provided detailing results of the habitat assessment with photographs and indicating whether or not the project site contains suitable burrowing owl habitat. If suitable habitat is found, then focused surveys at the appropriate time of year (March 1 to August 31), time of day, and weather conditions must be completed. Surveys will not be accepted if they are conducted during rain, high winds (> 20 mph), dense fog, or temperatures over 90 °F. The surveys must include focused burrow surveys and burrowing owl surveys. For the focused burrow surveys, the location of all suitable burrowing owl habitat, potential owl burrows, burrowing owl sign, and any owls observed should be recorded and mapped, including GPS coordinates in the report. The focused burrowing owl surveys include site visits on four separate days. CDFW recommends that the site visits are conducted at least a week apart to avoid missing owls that may be using the site. Finally, CDFW recommends the report also include an impact assessment evaluating the extent to which burrowing owls and their habitat may be impacted, directly or indirectly by Project activities. A final report discussing the survey methodology, transect width, duration, conditions, and results of the Survey shall be submitted to the RCA and the City.

Habitat assessments are conducted to evaluate the likelihood that a site supports burrowing owl. Burrowing owl surveys provide information needed to determine the potential effects of proposed projects and activities on burrowing owls, and to avoid take in accordance with Fish and Game Code sections 86, 3503, and 3503.5. Impact assessments evaluate the extent to which burrowing owls and their habitat may be impacted, directly or indirectly, on and within a reasonable distance of a proposed CEQA project activity or non-CEQA project.

Additionally, CDFW recommends that the City review and follow requirements for burrowing owl outlined in the MSHCP, specifically Section 6.3.2 (Additional Survey Needs and Procedures) and Appendix E (Summary of Species Survey Requirements). Appendix E of the MSHCP outlines survey requirements, actions to be taken if survey results are positive, and species-specific conservation objectives, among other relevant information.

Stephens' Kangaroo Rat Habitat Conservation Plan

The Project occurs within the Stephens' kangaroo rat (*Dipodomys stephensi*) Habitat Conservation Plan (SKR HCP) fee area boundary, SKR HCP plan area map available here: https://rchca.us/DocumentCenter/View/200/SKR-Plan-Area. State and federal authorizations associated with the SKR HCP provide take authorization for Stephens' kangaroo rat within its boundaries, and the MSHCP provides Take Authorization for Stephens' kangaroo rat outside of the boundaries of the SKR HCP, but within the MSHCP area boundaries. The DEIR should identify if any portion of the Project will occur on SKR HCP lands, or on Stephens' kangaroo rat habitat lands outside of the SKR HCP, but within the MSHCP. Note that the SKR HCP allows for encroachment into the Stephens' kangaroo rat Core Reserve for public projects, however, there are no provisions for

encroachment into the Core Reserve for privately owned projects. If impacts to Stephens' kangaroo rat habitat will occur from the proposed Project, the DEIR should specifically identify the total number of permanent impacts to Stephens' kangaroo rat core habitat and the appropriate mitigation to compensate for those impacts.

Lake and Streambed Alteration Program

Based on review of material submitted with the NOP, drainage features may traverse some of the parcels within the Project's scope. Depending on how the Project is designed and constructed, it is likely that the Project applicant will need to notify CDFW per Fish and Game Code section 1602. Fish and Game Code section 1602 requires anentity to notify CDFW prior to commencing any activity that may do one or more of the following: 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. Please note that "any river, stream or lake" includes those that are episodic (i.e., those that are dry for periods of time) as well as those that are perennial (i.e., those that flow year-round). This includes ephemeral streams, desert washes, andwatercourses with a subsurface flow.

Upon receipt of a complete notification, CDFW determines if the proposed Project activities may substantially adversely affect existing fish and wildlife resources and whether a Lake and Streambed Alteration (LSA) Agreement is required. An LSA Agreement includes measures necessary to protect existing fish and wildlife resources. CDFW may suggest ways to modify your Project that would eliminate or reduce harmful impacts to fish and wildlife resources.

CDFW's issuance of an LSA Agreement is a "project" subject to CEQA (see Pub. Resources Code § 21065). To facilitate issuance of an LSA Agreement, if necessary, the DEIR should fully identify the potential impacts to the lake, stream, or riparian resources, and provide adequate avoidance, mitigation, and monitoring and reporting commitments. Early consultation with CDFW is recommended, since modification of the proposed Project may be required to avoid or reduce impacts to fish and wildlife resources. To submit a Lake or Streambed Alteration notification, please go to https://wildlife.ca.gov/Conservation/Environmental-Review/EPIMS.

ADDITIONAL COMMENTS AND RECOMMENDATIONS

Native Landscaping

To ameliorate the water demands of this Project, CDFW recommends incorporation of water-wise concepts in Project landscape design plans. In particular, CDFW recommends xeriscaping with locally native California species, and installing water-efficient and targeted irrigation systems (such as drip irrigation). Native plants support butterflies, birds, reptiles, amphibians, small mammals, bees, and other pollinators that evolved with those

plants, more information on native plants suitable for the Project location and nearby nurseries is available at CALSCAPE: https://calscape.org/. Local water agencies/districts and resource conservation districts in your area may be able to provide information on plant nurseries that carry locally native species, and some facilities display drought-tolerant locally native species demonstration gardens (for example the Riverside-Corona Resource Conservation District in Riverside). Information on drought-tolerant landscaping and water-efficient irrigation systems is available on California's Save our Water website: https://saveourwater.com/ .

ENVIRONMENTAL DATA

CEQA requires that information developed in environmental impact reports and negative declarations be incorporated into a database which may be used to make subsequent or supplemental environmental determinations. (Pub. Resources Code, § 21003, subd. (e).) Accordingly, please report any special status species and natural communities detected during Project surveys to the California Natural Diversity Database (CNDDB). Information can be submitted online or via completion of the CNDDB field survey form at the following link: https://wildlife.ca.gov/Data/CNDDB/Submitting-Data . The types of information reported to CNDDB can be found at the following link: https://www.wildlife.ca.gov/Data/CNDDB/Plants-and-Animals.

ENVIRONMENTAL DOCUMENT FILING FEES

The Project, as proposed, would have an impact on fish and/or wildlife, and assessment of filing fees is necessary. Fees are payable upon filing of the Notice of Determination by the Lead Agency and serve to help defray the cost of environmental review by CDFW. Payment of the fee is required in order for the underlying Project approval to be operative, vested, and final. (Cal. Code Regs, tit. 14, § 753.5; Fish & G. Code, § 711.4; Pub. Resources Code, § 21089.).

CONCLUSION

CDFW appreciates the opportunity to comment on the NOP of a DEIR for the Ethanac Logistics Center Project (SCH No. 2023090525) and recommends that the City address the CDFW's comments and concerns in the forthcoming DEIR. Questions regarding this letter or further coordination should be directed to Breanna Machuca, Environmental Scientist, at Breanna.Machuca@wildlife.ca.gov.

Sincerely,

DocuSigned by:
Kim Freeburn
84F92FFEEFD24C8...

Kim Freeburn
Environmental Program Manager

ec:

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Tricia Campbell (Western Riverside County Regional Conservation Authority)
Director of Reserve Management and Monitoring
tcampbell@rctc.org

10/23/2023

VIA EMAIL ONLY

Nathan Perez, Senior Planner
City of Perris Planning Division
135 North "D" Street
Perris, CA 92570
Email: nperez@cityofperris.org

RE: NOP Comments for the Inland Empire Ethanac Logistics Center Project

Dear Mr. Perez,

The comments are submitted on behalf of Californians Allied for a Responsible Economy ("CARE CA") regarding the Notice of Preparation ("NOP") of a Draft Environmental Impact Report ("DEIR") for Ethanac Logistics Center ("the Project"). CARE CA understands that the proposed Project consists of the construction and operation of a 412,348-square-foot building including infrastructure and associated offsite supporting improvements.

The goal of an EIR is to provide decisionmakers and the public with detailed information about the effects of a proposed project on the environment, how significant impacts will be minimized and alternatives to the project (Pub. Res. Code § 21002.2). We, therefore, respectfully request a complete analysis of all identified impacts, imposition of all feasible mitigation and study of a reasonable range of alternatives. In addition, we wish to provide the following comments:

Industrial Uses: The DEIR should clearly articulate and quantify all proposed future warehouse uses of the Project. This will ensure that the unique impacts of the relevant logistics-type use, including cold storage, are comprehensively evaluated (i.e., both truck and vehicular trips, air quality, GHG emissions, public health risk and other environmental effects).

Cold Storage: According to the Initial Study, 50,000 square feet of the building could be utilized for cold-refrigerated storage. The DEIR analysis should specify the types of refrigerants that will be used in the cooling systems because different types of refrigerants have different impacts on GHG and energy efficiency. To minimize climate impacts, the City should require the use of natural refrigerant alternatives as a mitigation measure.

Air Quality & Public Health: The Project will have high daily volumes of heavy-duty diesel truck traffic, transportation refrigeration units (TRUs), and on-site equipment (e.g., backup generators, forklifts, and yard tractors) that will pollute the air with toxic diesel emissions and expose the already distressed nearby communities to further air pollution and climate change.

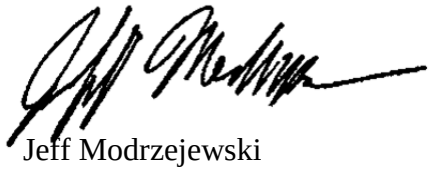
The City must, therefore, make all efforts to minimize air quality effects to the greatest extent possible. In this regard, the Air Quality analysis should be based on actual emissions data from existing similar sized warehouse projects rather than computer generated estimates. In addition, the DEIR should address impacts of particulate matter from the diesel trucks on the health of those living, working, and recreating nearby including expected increases in respiratory illnesses, cardiovascular disease, and cancers. A Statement of Overriding Considerations should be considered only after ALL feasible mitigation measures are included in the MMRP.

Greenhouse Gas Emissions: In the DEIR analysis, the City has the discretion to quantify GHG emissions resulting from a project and/or rely on a qualitative analysis or performance-based standards "based to the extent possible on scientific and factual data" Guidelines §,15064, subd. (b). To determine the significance of the Project's GHG, we urge the City to adopt quantitative thresholds that embody climate change's existential threat to humankind and provide detailed discussion on the Applicant's plan to offset the Project's GHG emissions.

Thank you for the opportunity to submit NOP comments. Please provide all sources and referenced materials when the DEIR is made available. Again, CARE CA respectfully requests under CEQA full analysis of the environmental impacts, feasible mitigation, and reasonable alternatives to the Project.

We look forward to reviewing and commenting on the DEIR.

Sincerely,



Jeff Modrzejewski
Executive Director

From: Mauricio Alvarez
To: Nathan Perez
Subject: RE: NOP DEIR Ethanac Logistics Center Project
Date: Friday, October 13, 2023 9:15:07 AM

Thank you Nathan. After reviewing the plans for the Ethanac Logistics Center Project, the recommendation is to incorporate an ADA compliant turnout on the northwest corner of Ethanac Rd & Sherman Rd.

Thank you for considering this comment.

Mauricio Alvarez, MBA
Planning Analyst
Riverside Transit Agency
p: 951.565.5260 | e: malvarez@riversidetransit.com
Website | Facebook | Twitter | Instagram
1825 Third Street, Riverside, CA 92507

From: Nathan Perez <NPerez@cityofperris.org>
Sent: Thursday, October 12, 2023 9:31 AM
To: Mauricio Alvarez <malvarez@riversidetransit.com>
Subject: RE: NOP DEIR Ethanac Logistics Center Project

I'm using Adobe Acrobat.
You can view and comment on "22-0198-HILLWOOD ETHANAC TPM-2023-08-16.pdf" at:
https://acrobat.adobe.com/link/review?uri=urn:aaid:scds:US:7a143df7-0cce-4089-9b4a-a31e7550c701
Hi Mauricio,
I hope all is well with you. Please note that we don't have street plans but we only have the grading plans.
Concerning the widening, Ethanac Road as of right now, will only be widened in the city of perris city limits
Let me know if you have any questions.

Nathan Perez
Senior Planner
City of Perris
Department of Development Services - Planning Division
135 N. "D" Street
Perris, CA 92570
Tel: (951) 943-5003
http://www.cityofperris.org/
Available Monday to Thursday

From: Mauricio Alvarez <malvarez@riversidetransit.com>
Sent: Thursday, October 12, 2023 8:38 AM
To: Nathan Perez <NPerez@cityofperris.org>
Subject: NOP DEIR Ethanac Logistics Center Project

Hi Nathan,

Before we can provide a comment for this project, would you be able to share the street plans for Ethanac? Will Ethanac be widened?

Thank you,

Mauricio Alvarez, MBA
Planning Analyst
Riverside Transit Agency
p: 951.565.5260 | e: malvarez@riversidetransit.com
Website | Facebook | Twitter | Instagram
1825 Third Street, Riverside, CA 92507

This email has been scanned by the Riverside Transit Agency Email Security System.

South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

SENT VIA E-MAIL: October 23, 2023

nperez@cityofperris.org
Nathan Perez, Senior Planner
City of Perris
Development Services Department; Planning Division
135 North "D" Street
Perris, CA 92570

Notice of Preparation of a Draft Environmental Impact Report for the Ethanac Logistics Center Project (Proposed Project)

South Coast Air Quality Management District (South Coast AQMD) staff appreciates the opportunity to comment on the above-mentioned document. Our comments are recommendations on the analysis of potential air quality impacts from the Proposed Project that should be included in the Draft Environmental Impact Report (EIR). Please send a copy of the Draft EIR upon its completion and public release directly to South Coast AQMD as copies of the Draft EIR submitted to the State Clearinghouse are not forwarded. **In addition, please send all appendices and technical documents related to the air quality, health risk, and greenhouse gas analyses (electronic versions of all emission calculation spreadsheets, air quality modeling, and health risk assessment input and output files, not PDF files). Any delays in providing all supporting documentation for our review will require additional review time beyond the end of the comment period.**

CEQA Air Quality Analysis

Staff recommends that the Lead Agency use South Coast AQMD's CEQA Air Quality Handbook and website[1] as guidance when preparing the air quality and greenhouse gas analyses. It is also recommended that the Lead Agency use the CalEEMod[2] land use emissions software, which can estimate pollutant emissions from typical land use development and is the only software model maintained by the California Air Pollution Control Officers Association.

South Coast AQMD has developed both regional and localized significance thresholds. South Coast AQMD staff recommends that the Lead Agency quantify criteria pollutant emissions and compare the emissions to South Coast AQMD's CEQA regional pollutant emissions significance thresholds[3] and localized significance thresholds (LSTs)[4] to determine the Proposed Project's air quality impacts. The localized analysis can be conducted by either using the LST screening tables or performing dispersion modeling.

The Lead Agency should identify any potential adverse air quality impacts that could occur from all phases of the Proposed Project and all air pollutant sources related to the Proposed Project. Air quality impacts from both construction (including demolition, if any) and operations should be calculated. Construction-related air quality impacts typically include, but are not limited to, emissions from the use of

[1] South Coast AQMD's CEQA Handbook and other resources for preparing air quality analyses can be found at: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook.
[2] CalEEMod is available free of charge at: www.caleemod.com.
[3] South Coast AQMD's CEQA regional pollutant emissions significance thresholds can be found at: http://www.aqmd.gov/docs/default-source/ceqa/handbook/scaqmd-air-quality-significance-thresholds.pdf.
[4] South Coast AQMD's guidance for performing a localized air quality analysis can be found at: http://www.aqmd.gov/home/regulations/ceqa/air-quality-analysis-handbook/localized-significance-thresholds.

heavy-duty equipment from grading, earth-loading/unloading, paving, architectural coatings, off-road mobile sources (e.g., heavy-duty construction equipment) and on-road mobile sources (e.g., construction worker vehicle trips, material transport trips, and hauling trips). Operation-related air quality impacts may include, but are not limited to, emissions from stationary sources (e.g., boilers and air pollution control devices), area sources (e.g., solvents and coatings), and vehicular trips (e.g., on- and off-road tailpipe emissions and entrained dust). Air quality impacts from indirect sources, such as sources that generate or attract vehicular trips, should be included in the analysis. Furthermore, emissions from the overlapping construction and operational activities should be combined and compared to South Coast AQMD's regional air quality CEQA ***operational*** thresholds to determine the level of significance.

In the event that implementation of the Proposed Project requires a permit from South Coast AQMD, South Coast AQMD should be identified as a Responsible Agency for the Proposed Project in the Draft EIR. The assumptions in the air quality analysis in the EIR will be the basis for evaluating the permit under CEQA and imposing permit conditions and limits. Questions on permits should be directed to South Coast AQMD's Engineering and Permitting staff at (909) 396-3385.

The California Air Resources Board's (CARB) *Air Quality and Land Use Handbook: A Community Health Perspective*[5] is a general reference guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process with additional guidance on strategies to reduce air pollution exposure near high-volume roadways available in CARB's technical advisory[6].

The South Coast AQMD's *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*[7] includes suggested policies that local governments can use in their General Plans or through local planning to prevent or reduce potential air pollution impacts and protect public health. It is recommended that the Lead Agency review this Guidance Document as a tool when making local planning and land use decisions.

South Coast AQMD staff is concerned about potential public health impacts of siting warehouses within close proximity of sensitive land uses, especially in communities that are already heavily affected by the existing warehouse and truck activities. The South Coast AQMD's Multiple Air Toxics Exposure Study (MATES V), completed in August 2021, concluded that the largest contributor to cancer risk from air pollution is diesel particulate matter (DPM) emissions[8]. According to the MATES V carcinogenic risk interactive map, the area surrounding the Proposed Project has an estimated cancer risk of over 288 in one million[9]. Operation of warehouses generates and attracts heavy-duty diesel-fueled trucks that emit DPM. When the health impacts from the Proposed Project are added to those existing impacts, residents living in the communities surrounding the Proposed Project will possibly face an even greater exposure to air pollution and bear a disproportionate burden of increasing health risks.

Mitigation Measures

In the event that the Proposed Project results in significant adverse air quality impacts, CEQA requires that all feasible mitigation measures that go beyond what is required by law be utilized to minimize these impacts. Any impacts resulting from mitigation measures must also be analyzed. Several resources to

[5] CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* can be found at: http://www.arb.ca.gov/ch/handbook.pdf.
[6] CARB's technical advisory can be found at: https://www.arb.ca.gov/ch/landuse.htm.
[7] South Coast AQMD. 2005. *Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning*. Available at: http://www.aqmd.gov/docs/default-source/planning/air-quality-guidance/complete-guidance-document.pdf.
[8] South Coast AQMD. August 2021. *Multiple Air Toxics Exposure Study in the South Coast Air Basin V*. Available at: http://www.aqmd.gov/home/air-quality/air-quality-studies/health-studies/mates-v.
[9] South Coast AQMD. MATES V Data Visualization Tool. Accessed at: MATES Data Visualization (arcgis.com).

assist the Lead Agency with identifying potential mitigation measures for the Proposed Project include South Coast AQMD's CEQA Air Quality Handbook,[10] South Coast AQMD's Mitigation Monitoring and Reporting Plan for the 2022 Air Quality Management Plan,[11] and Southern California Association of Government's Mitigation Monitoring and Reporting Plan for the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy.[12].

Mitigation measures for operational air quality impacts from mobile sources that the Lead Agency should consider in the Draft EIR may include the following:

- Require zero-emissions (ZE) or near-zero emission (NZE) on-road haul trucks such as heavy-duty trucks with natural gas engines that meet the CARB's adopted optional NOx emissions standard at 0.02 grams per brake horsepower-hour (g/bhp-hr), if and when feasible. Given the state's clean truck rules and regulations aiming to accelerate the utilization and market penetration of ZE and NZE trucks such as the Advanced Clean Trucks Rule[13] and the Heavy-Duty Low NOx Omnibus Regulation[14], ZE and NZE trucks will become increasingly more available to use. The Lead Agency should require a phase-in schedule to incentivize the use of these cleaner operating trucks to reduce any significant adverse air quality impacts. South Coast AQMD staff is available to discuss the availability of current and upcoming truck technologies and incentive programs with the Lead Agency. At a minimum, require the use of 2010 model year[15] that meet CARB's 2010 engine emissions standards at 0.01 g/bhp-hr of particulate matter (PM) and 0.20 g/bhp-hr of NOx emissions or newer, cleaner trucks. Include environmental analyses to evaluate and identify sufficient electricity and supportive infrastructures in the Energy and Utilities and Service Systems Sections in the CEQA document, where appropriate. Include the requirement in applicable bid documents, purchase orders, and contracts. Operators shall maintain records of all trucks associated with project construction to document that each truck used meets these emission standards, and make the records available for inspection. The Lead Agency should conduct regular inspections to the maximum extent feasible to ensure compliance.
- Limit the daily number of trucks allowed at the Proposed Project to levels analyzed in the Final CEQA document. If higher daily truck volumes are anticipated to visit the site, the Lead Agency should commit to re-evaluating the Proposed Project through CEQA prior to allowing this higher activity level.
- Provide electric vehicle (EV) charging stations or, at a minimum, provide electrical infrastructure and electrical panels should be appropriately sized. Electrical hookups should be provided for truckers to plug in any onboard auxiliary equipment.

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[10] https://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook

[11] South Coast AQMD's 2022 Air Quality Management Plan can be found at: http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan (Chapter 4 - Control Strategy and Implementation).

[12] Southern California Association of Governments' 2020-2045 RTP/SCS can be found at: https://www.connectsocal.org/Documents/PEIR/certified/Exhibit-A_ConnectSoCal_PEIR.pdf.

[13] CARB. June 25, 2020. *Advanced Clean Trucks Rule*. Accessed at: https://ww2.arb.ca.gov/our-work/programs/advanced-clean-trucks.

[14] CARB has recently passed a variety of new regulations that require new, cleaner heavy-duty truck technology to be sold and used in state. For example, on August 27, 2020, CARB approved the Heavy-Duty Low NOx Omnibus Regulation, which will require all trucks to meet the adopted emission standard of 0.05 g/hp-hr starting with engine model year 2024. Accessed at: https://ww2.arb.ca.gov/rulemaking/2020/hdomnibuslownox.

[15] CARB adopted the statewide Truck and Bus Regulation in 2010. The Regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Newer heavier trucks and buses must meet particulate matter filter requirements beginning January 1, 2012. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010 model year engines or equivalent. More information on the CARB's Truck and Bus Regulation is available at: https://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm.

Mitigation measures for operational air quality impacts from other area sources that the Lead Agency should consider in the Draft EIR may include the following:

- Maximize use of solar energy by installing solar energy arrays.
- Use light colored paving and roofing materials.
- Utilize only Energy Star heating, cooling, and lighting devices, and appliances.
- Use of water-based or low VOC cleaning products that go beyond the requirements of South Coast AQMD Rule 1113.

Design considerations for the Proposed Project that the Lead Agency should consider to further reduce air quality and health risk impacts include the following:

- Clearly mark truck routes with trailblazer signs, so that trucks will not travel next to or near sensitive land uses (e.g., residences, schools, day care centers, etc.).
- Design the Proposed Project such that truck entrances and exits are not facing sensitive receptors and trucks will not travel past sensitive land uses to enter or leave the Proposed Project site.
- Design the Proposed Project such that any check-in point for trucks is inside the Proposed Project site to ensure that there are no trucks queuing outside.
- Design the Proposed Project to ensure that truck traffic inside the Proposed Project site is as far away as feasible from sensitive receptors.
- Restrict overnight truck parking in sensitive land uses by providing overnight truck parking inside the Proposed Project site.

On May 7, 2021, South Coast AQMD's Governing Board adopted Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program, and Rule 316 – Fees for Rule 2305. Rules 2305 and 316 are new rules that will reduce regional and local emissions of nitrogen oxides (NOx) and particulate matter (PM), including diesel PM. These emission reductions will reduce public health impacts for communities located near warehouses from mobile sources that are associated with warehouse activities. Also, the emission reductions will help the region attain federal and state ambient air quality standards. Rule 2305 applies to owners and operators of warehouses greater than or equal to 100,000 square feet. Under Rule 2305, operators are subject to an annual WAIRE Points Compliance Obligation that is calculated based on the annual number of truck trips to the warehouse. WAIRE Points can be earned by implementing actions in a prescribed menu in Rule 2305, implementing a site-specific custom plan, or paying a mitigation fee. Warehouse owners are only required to submit limited information reports, but they can opt in to earn Points on behalf of their tenants if they so choose because certain actions to reduce emissions may be better achieved at the warehouse development phase, for instance the installation of solar and charging infrastructure. Rule 316 is a companion fee rule for Rule 2305 to allow South Coast AQMD to recover costs associated with Rule 2305 compliance activities. Since the Proposed Project consists of the development of a 412,348-square-foot warehouse, the Proposed Project's warehouse owners and operators will be required to comply with Rule 2305 once the warehouse is occupied. Therefore, South Coast AQMD staff recommends that the Lead Agency review South Coast AQMD Rule 2305 to determine the potential WAIRE Points Compliance Obligation for future operators and explore whether additional project requirements and CEQA mitigation measures can be identified and implemented at the Proposed Project that may help future warehouse operators meet their compliance obligation[16]. South Coast AQMD staff is available to answer questions concerning Rule 2305 implementation and compliance by phone or email at (909) 396-3140 or waire-program@aqmd.gov. For

[16] South Coast AQMD Rule 2305 – Warehouse Indirect Source Rule – Warehouse Actions and Investments to Reduce Emissions (WAIRE) Program. Accessed at: http://www.aqmd.gov/docs/default-source/rule-book/reg-xxiii/r2305.pdf.

implementation guidance documents and compliance and reporting tools, please visit South Coast AQMD's WAIRE Program webpage[17].

South Coast AQMD staff is available to work with the Lead Agency to ensure that air quality, greenhouse gas, and health risk impacts from the Proposed Project are accurately evaluated and mitigated where feasible. If you have any questions regarding this letter, please contact me at swang1@aqmd.gov.

Sincerely,

Sam Wang

Sam Wang
Program Supervisor, CEQA IGR
Planning, Rule Development & Implementation

SW
RVC230927-10
Control Number

[17] South Coast AQMD WAIRE Program. Accessed at: http://www.aqmd.gov/waire.

MENIFEE
New. Better. Best.

29844 Haun Rd. Menifee CA. 92586
(951) 672-6777 | Fax (951) 679-3843
cityofmenifee.us

October 23, 2023

Nathan Perez
Senior Planner
City of Perris
135 N. D Street
Perris, CA 92570-2200

RE: City of Perris Project – Notice of Preparation of an Environmental Impact Report for Development Plan Review (DPR) 22-00030, TPM (PLN-22-05328), General Plan Amendment (GPA) 22-05326, and Zone Change (ZC) 22-05327

Dear Mr. Perez,

Thank you for the opportunity to review the Notice of Preparation of an Environmental Impact Report for the above-noted project, a Tentative Parcel Map to consolidate 8 parcels; a General Plan Amendment and Zone Change to redesignate and rezone 20 acres of land from Commercial to Light Industrial (LI) and a Development Plan Review to facilitate the construction of a 412,372 square-foot industrial building located at the northeast corner of Ethanac Road and Trumble Road. This project is located immediately adjacent to and surrounded by the City of Menifee on westerly side of Trumble Road, on the southerly side of Ethanac Road, and on the easterly side of Sherman Road.

The City of Menifee previously provided comments to the City of Perris on June 15, 2022, and again on March 15, 2023. Menifee appreciates project revisions made by the City of Perris and the project applicant to address Menifee's June 2022 comments. However, the City of Menifee continues to have concerns with potential significant impacts from the project, and offers comments on the following:

- As has been previously discussed, the project site is located immediately adjacent to existing single-family residences within the City of Menifee on the east side of Sherman Road. The City of Menifee recognizes that since the initial 2022 version of the plan, the proposed site plan has been revised to eliminate truck access to the site from Sherman Road and that the proposed warehouse building and truck loading/parking area on the east side of the building adjacent to Sherman Road are shifted approximately 38 feet further west from Sherman Road providing a substantial landscape setback area along the street frontage and includes a screen wall to enclose the truck area. While this is an improvement, Menifee remains concerned with the location of the truck loading/parking area on the east side of the building we wish to re-emphasize that the truck loading/parking areas should be located to the south and west of the building as far as possible from adjacent residences rather than the east side of the building.

Bill Zimmerman Mayor | **Bob Karwin** Mayor Pro Tem, District 1 | **Ricky Estrada** Councilmember, District 2 | **Lesa A. Sobek** Councilmember, District 3 | **Dean Deines** Councilmember, District 4 | **Armando G. Villa** City Manager

- As stated in Menifee's previous comments, the project has the potential to generate significant environmental impacts to neighboring residences/sensitive receptors, particularly impacts related to aesthetics (light and glare), air quality (including health risks), greenhouse gas, noise, and traffic. The project Environmental Impact Report (EIR) must fully analyze and mitigate environmental impacts as a result of the project, including but not limited to, aesthetics (light & glare), traffic, air quality (including health risks), greenhouse gas, hydrology and water quality, and noise, particularly with respect to these potentially significant impacts to adjacent residences/sensitive receptors.

  The City of Menifee's preference is for avoidance of impacts to sensitive receptors by locating truck loading/parking areas to the south and west of the building as far as possible from adjacent residences. Given the potential significant impacts to sensitive receptors, the EIR must fully analyze, and include feasible mitigation to reduce project impacts to the adjacent sensitive receptors to a less than significant level. The proposed general plan amendment and change of zone is not appropriate for this location if impacts to adjacent sensitive receptors cannot be mitigated to a less than significant level and would result in the need for a statement of overriding considerations.

- Related to potentially significant hydrology and water quality impacts as a result of the project, Menifee's Engineering Department has indicated that Sherman Road has severe flooding due to lack of storm drain facilities and that Line A-1 is critical infrastructure needed with the proposed development to address this concern and mitigate flooding impacts.

- The project should be required to provide the offsite improvements as indicated in the attached City of Menifee Engineering comments from March 13, 2023.

- The proposed project will have a cumulative adverse impact on the City of Menifee Fire Department's ability to provide an acceptable level of service. These impacts include an increased number of emergency and public service calls due to the increased presence of structures, traffic, and population. The EIR needs to fully analyze and mitigate this impact and the project proponents/developers will be expected to provide proportional mitigations to these impacts via capital improvements and/or impact fees. Upon additional impact analysis, the applicants/developers may be required to enter into an agreement with the City of Menifee to offset costs and impacts.

- Finally, please provide all future environmental notices/documents to the City of Menifee Planning Department for review once they become available.

We appreciate your consideration of these comments and thank you again for the opportunity to provide comments. If you have questions, please contact me at 951-723-3744 or by e-mail at ddarnell@cityofmenifee.us

Sincerely,

Doug Darnell

Doug Darnell, AICP
Principal Planner

Enclosure: City of Menifee Public Works/Engineering Department Memo, March 13, 2023.

Cc: Kenneth Phung, Development Services Director, City of Perris
Patricia Brenes, Planning Manager, City of Perris
Cheryl Kitzerow, AICP, Community Development Director, City of Menifee
Orlando Hernandez, Planning Manager, City of Menifee
Nicolas Fidler, PE, Director of Public Works and Engineering, City of Menifee
Alberto Paiva, Deputy Public Works Director/City Engineer, City of Menifee

CITY OF MENIFEE

MEMORANDUM

PUBLIC WORKS / ENGINEERING DEPARTMENT

DATE: **March 13, 2023**

TO: **Doug Darnell, AICP, Principal Planner**

FROM: **Run Chen, PE, PMP, Senior Engineer**

CC: **Steve Strapac, PE, PLS, Principal Engineer**

SUBJECT: **DPR22-00030 Hillwood Warehouse Ethanac/Sherman, Plan Check 1**

Public Works / Engineering is pleased to provide the following comments:

1. Sherman Road is designated as a 4-lane, Divided Major Roadway (118-foot right-of-way) To ensure the adequate roadway improvements are provided as necessary to serve the proposed development, the City of Perris should require the developer to construct ultimate half-width improvements along their frontage.
2. The City of Perris should require the developer to install a traffic signal at the intersection of Sherman & Ethanac Roads. The City of Menifee will be conditioning the Menifee Commerce Center warehouse project south of Ethanac and Sherman to install traffic signal at the subject intersection. The developer of Hillwood Warehouse should contact Chet Robinson at (951)723-3879 or email crobinson@cityofmenifee.us to coordinate design of the signal and intersection improvements.
3. The City of Perris should require the developer to install a traffic signal at intersection of Trumble & Ethanac Roads.
4. The City of Perris should require the developer to install Line A-1 drainage improvement to Line A channel per the Riverside County Flood Control and Water Conservation District's (RCFCWD) Line 'A' Master Drainage Plan. The developer shall provide design plans of drainage improvement to City of Menifee for review.

The applicant is advised to prepare a response letter in the next submittal, responding back to each comment in this Memo. Any questions can be directed to Run Chen at (951) 723-3790, or by email at rchen@cityofmenifee.us

From: Nathan Perez
To: Melissa Perez; Monica Tobias
Subject: FW: Ethanac Logistics Center Project
Date: Tuesday, October 24, 2023 7:38:03 AM

Additional NOP comments from a resident.

Nathan Perez
Senior Planner
City of Perris
Department of Development Services - Planning Division
135 N. "D" Street
Perris, CA 92570
Tel: (951) 943-5003
https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.cityofperris.org%2F&data=05%7C01%7Cmelissa.perez%40webbassociates.com%7C5a4c9a8e6653474d2171b08dbd49edf6%7Cc50784e2f3a841dfbb00afaa84ec2ea88%7C0%7C0%7C638337550822016259%7CUnknown%7CTWFpbGZsb3dkeyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=NI5M%2BbNMqreDn9KmHzFg3cZX9IS1RXdLDnHphePdHO8%3D&reserved=0
Available Monday to Thursday

-----Original Message-----
From: teamconnor6@yahoo.com <teamconnor6@yahoo.com>
Sent: Monday, October 23, 2023 10:50 PM
To: Nathan Perez <NPerez@cityofperris.org>
Subject: Ethanac Logistics Center Project

My name is Brittanny Conner. I am a resident of the Romoland/Menifee community adjacent to the proposed building site. I have been a resident of this community for 27 years. I have several concerns about the proposed project on Ethanac Rd.
I am concerned about the proposed project creating more traffic on Ethanac Road, as well as the damage trucks will cause to the roadway. I have questions as to why it is acceptable for trucks to use the east corridor of Ethanac Rd, disturbing the residents on the Menifee side but it is not allowed to be used as a truck route on the west corridor because it would disturb residents of Monument Ranch and Monument Park?
I am concerned about how emergency vehicles and first responders will access my community during an emergency with the influx of traffic the proposed project will create.
I am concerned with the noise the trucks and warehouse will produce a mere yards from homes and residents.
I am concerned about the air quality the proposed project will create and how it will affect my family's health, as all my children suffer from asthma.
I am concerned that when I look out my living room window, I will no longer be able to see across Ethanac Rd and open spaces and will instead see a 48 ft. tall warehouse. The rural community I have enjoyed for the last 27 years will no longer exist.

Sent from my iPhone