

# Initial Study and Mitigated Negative Declaration

## Murrieta Road Transmission Pipeline Project

Prepared for | Eastern Municipal Water District  
2270 Trumble Road  
Perris, California 92572  
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3 Hutton Centre Drive, Suite 200  
Santa Ana, California 92707  
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(714) 751-7373

December 2019

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## ACRONYM LIST

AAM	Annual Arithmetic Mean
AAQS	Ambient Air Quality Standards
AB	Assembly Bill
AFY	acre-feet per year
AOS	American Ornithological Society
APN	Assessor's Parcel Number
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
AST	aboveground storage tank
BMP	Best Management Practice
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
Caltrans	California Department of Transportation
CARB	California Air Resources Board
CBC	California Building Code
CDFW	California Department of Fish and Wildlife
CEQA	California Environmental Quality Act
CERS	California Environmental Reporting System
CH <sub>4</sub>	methane
CHL	California Historical Landmarks
CHRIS	California Historical Resources Information System
City	City of Menifee
cm	centimeter
CNDDDB	California Natural Diversity Database
CNPS	California Native Plant Society
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	carbon dioxide equivalent
CPHI	California Points of Historical Interest
CRHR	California Register of Historic Resources
CRPR	California Rare Plant Rank
cy	cubic yards
dBA L <sub>dn</sub>	Daytime Nighttime Noise Level in A-weighted decibels diesel PM diesel particulate matter
DOE	Determinations of Eligibility
EDR Report	EDR Radius Map™ Report
EIC	Eastern Information Center
EIR	Environmental Impact Report
EMFAC	EMissions FACtor
EMWD	Eastern Municipal Water District
EOP	Emergency Operations Plan
FEMA	Federal Emergency Management Agency
FMMP	Farmland Mapping and Monitoring Program
ft	feet
FTA	Federal Transportation Administration
GHG	greenhouse gas
GPS	global positioning system
GWP	global warming potential
HFC	hydrofluorocarbons
HPDF	Historic Property Data File
I	Interstate

IBC	International Building Code (formerly the Uniform Building Code)
ICC	International Code Council
IS/MND	Initial Study/Mitigated Negative Declaration
in/sec	inches per second
km	kilometer
L <sub>eq</sub> dBA	Equivalent Continuous Noise Level in A-weighted decibels
lf	linear feet
LST	localized significance threshold
m	meter
MBTA	Migratory Bird Treaty Act
MEI	maximally exposed individual
mg	Million Gallons
mg/m <sup>3</sup>	milligrams per cubic meter
MMC	City of Menifee Municipal Code
MRZ-3	Mineral Resource Zone-3
MSHCP	Multiple Species Habitat Conservation Plan
MT/yr CO <sub>2</sub> e	metric tons per year of carbon dioxide equivalents
MTCO <sub>2</sub> e	metric tons of CO <sub>2</sub> equivalent
MTCO <sub>2</sub> e/yr	metric tons of CO <sub>2</sub> equivalent per year
NAHC	Native American Heritage Commission
NPDES	National Pollutant Discharge Elimination System
NRHP	National Register of Historic Places
N <sub>2</sub> O	nitrous oxide
NO	nitric oxide
NO <sub>2</sub>	nitrogen dioxide
O <sub>3</sub>	ozone
OHP	Office of Historic Preservation
PFC	perfluorocarbons
PM <sub>2.5</sub>	fine particulate matter with a diameter of 2.5 microns or less
PM <sub>10</sub>	respirable particulate matter with a diameter of 10 microns or less
ppm	parts per million
ppv	peak particle velocity
RCNM	Roadway Construction Noise Model
RCRA	Resource Conservation and Recovery Act
RCRA NONGEN/NLR	RCRA Non-Generators/No Longer Regulated
RECP	rolled erosion control product
ROW	right of way
RTA	Riverside Transit Agency
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
SB	Senate Bill
SCA	sun-colored amethyst
SCAG	Southern California Association of Governments
SCCIC	South Central Coastal Information Center
SF <sub>6</sub>	sulfur hexafluoride
SNMNH	Smithsonian National Museum of Natural History
SO <sub>2</sub>	sulfur dioxide
SoCAB	South Coast Air Basin
SQG	Small Quantity Generator
SR	State Route
SWPPP	Storm Water Pollution Prevention Plan
SWRCB	State Water Resources Control Board
TACs	toxic air contaminates

TDS	total dissolved solids
µg/m <sup>3</sup>	micrograms per cubic meter
USACE	U.S. Army Corps of Engineers
USEPA	U.S. Environmental Protection Agency
USGS	U.S. Geological Survey
UST	Underground Storage Tank
VHFHSZ	Very High Fire Hazard Severity Zone
VMT	vehicle miles traveled
VOCs	volatile organic compounds

## **SECTION 1.0 INTRODUCTION**

### **1.1 PURPOSE OF THE INITIAL STUDY**

The purpose of this Initial Study (IS) is to (1) describe the proposed Murrieta Road Transmission Pipeline Project (hereinafter referred to as the “Project”), which would be constructed in the City of Menifee and (2) provide an evaluation of potential environmental impacts associated with the Project’s construction and operation. The Project involves the construction and operation of a new pipeline, and all associated connections, to convey treated water from the Desalination Complex to serve existing and future customers. This IS has been prepared pursuant to the California Environmental Quality Act (CEQA), as amended (Section 21000 et. seq. of the *Public Resources Code*) and in accordance with the State CEQA Guidelines (Section 15000 et. seq. of the *California Code of Regulations*).

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

### **1.2 SUMMARY OF FINDINGS**

Based on the environmental checklist form prepared for the Project and supporting environmental analysis (Section 4.0), the proposed Project would have no impact or less than significant impacts in the following environmental areas: aesthetics, agriculture and forest resources, air quality, energy, greenhouse gas emissions, hazards and hazardous materials, land use and planning, mineral resources, noise, population and housing, public services, recreation, transportation, utilities and service systems, and wildfire. The proposed Project has the potential to have significant impacts on the following topics unless the recommended mitigation measures described herein are incorporated into the Project: biological resources, cultural resources, hydrology and water quality, geology and soils, and tribal cultural resources.

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

### **1.3 PROJECT APPROVAL**

This IS/MND has been submitted to potentially affected agencies and individuals. Notices of the availability of the IS/MND for review and comment as well as the environmental documentation are available on EMWD’s website (<http://www.emwd.org>) for review.

A 30-day public review period has been established for the IS/MND. The review period has been established in accordance with Section 15073 of the State CEQA Guidelines. During review of the IS/MND, affected public agencies and the interested public should focus on the document’s adequacy in identifying and analyzing the potential environmental impacts and the ways in which the potentially significant effects of the Project area can be avoided or mitigated. Comments on

the IS/MND and the analysis contained herein must be received by 4:00 PM on January 10, 2020, and should be addressed to:

Eastern Municipal Water District  
Attention: Joseph Broadhead  
P.O. Box 8300  
Perris, CA 92572-8300

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

#### **1.4 ORGANIZATION OF THE INITIAL STUDY**

The IS/MND is organized into sections, as described below.

- **Section 1.0: Introduction.** This section provides an introduction and overview of the conclusions in the IS/MND.
- **Section 2.0: Project Location and Environmental Setting.** This section provides a brief description of the Project location, relevant background information, and a description of the existing conditions of the Project site and vicinity.
- **Section 3.0: Project Description.** This section provides a description of the proposed Project, a statement of purpose and need, and necessary discretionary approvals.
- **Section 4.0: Environmental Checklist.** The completed Environmental Checklist Form from the State CEQA Guidelines provides an overview of the potential impacts that may or may not result from Project implementation. The Environmental Checklist Form also includes “mandatory findings of significance”, as required by CEQA.
- **Section 5.0: Report Preparers.** This section lists the authors, including staff from EMWD, who assisted in preparing and reviewing the IS/MND.
- **Section 6.0: References.** This section identifies the references used to prepare the IS/MND.

## **SECTION 2.0 PROJECT LOCATION AND ENVIRONMENTAL SETTING**

### **2.1 PROJECT LOCATION**

The proposed Project involves construction of a water transmission pipeline in the City of Menifee (“City”), as depicted on **Exhibit 2-1**. As can be seen from **Exhibit 2-1**, two pipeline alignments are being considered in this IS (1) Preferred Pipeline Alignment and (2) Alternative Pipeline Alignment. The Preferred Pipeline Alignment extends from its connection with the Perris II Desalter (currently under construction) in the north to La Piedra Road in the south (7,250 +/- linear feet [lf]). The Alternative Pipeline Alignment extends from the Perris II Desalter in the north to Newport Road where it then travels east within Newport Road to Bradley Road, and then south on Bradley Road to La Piedra Road in the south (12,100+/- lf). The Project site (both Preferred Pipeline Alignment and Alternative Pipeline Alignment) are located within Township CA T5S, Range R3W, Sections 32 and 33, and Township CA T6S, Range R3W, Sections 4 and 5.

### **2.2 PROJECT BACKGROUND**

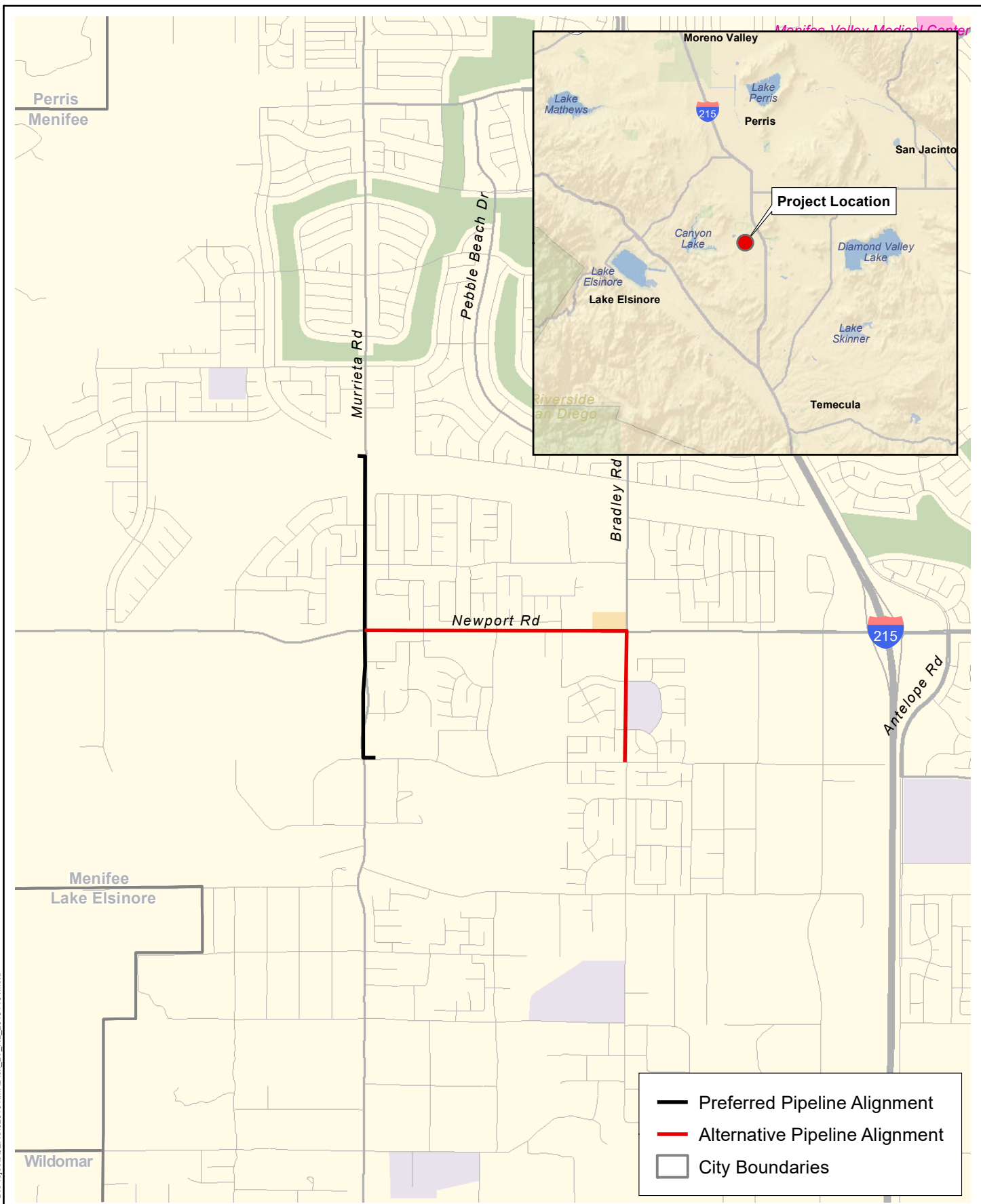
In 1995, EMWD implemented the Perris South Desalination Program with initial plans to construct up to three desalination facilities producing a combined 12,000-acre-feet per year (AFY) of potable water. This plan was developed as part of the West San Jacinto Groundwater Basin Management Plan to make use of brackish groundwater that had accumulated in the Perris South sub-basin. The plan was developed to remove salts (TDS) and improve degraded groundwater quality, as well as take advantage of a locally controlled water supply. The initial phase of the project included the construction of the Menifee and Perris I Desalters. The second phase of the project involves the construction of the 5.4 million gallon per day Perris II Desalter at the Sun City Regional Water Reclamation Facility located in the City of Menifee. The construction of the Perris II Desalter, begun in the spring of 2019, is expected to be completed in March 2021. Construction of the proposed pipeline Project would allow for future transmittal of potable water south from the future Perris II Desalter to the surrounding service area.




#### **Existing Conditions**

The vast majority of the pipeline alignment under the Preferred route would be located within the paved portion of Murrieta Road and La Piedra Road. Exceptions to this would be in the north where the pipeline would be directed west onto EMWD land at the Perris II Desalter, and in the south at the northeast corner of the Murrieta Road/La Piedra Road intersection. The pipeline near this intersection would be directed off the paved roadway onto a private residential parcel for a length of about 200-feet. For the Alternative route, all portions of the alignment would be within the paved portion of four public roadways (Murrieta Road, Newport Road, Bradley Road and La Piedra Road). The same off-pavement segment in the north would occur under the Alternative route allowing for the connection to the Perris II Desalter.

The Preferred Pipeline Alignment is located in a developing area. Surrounding land uses for the Preferred Pipeline Alignment include undeveloped land, open areas in the vicinity of Salt Creek and south of Newport Road as well as areas that are fully developed and under development. Developed and developing land uses in the area are dominated by residential uses, including single family neighborhoods and manufactured housing. In addition to the residential uses, the E.L. Pete Peterson Park is an active park with an athletic field, basketball courts, and a playground area and is located south of the Salt Creek Channel and west of Murrieta Road. The Newcomb Electrical Substation is located immediately west of Murrieta Road, between Lazy Creek Road and Newport Road. Commercial and retail uses are located both north and south of the intersection of Murrieta Road and Newport Road.

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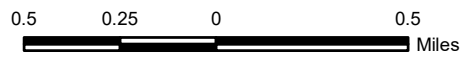
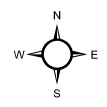


-  Preferred Pipeline Alignment
-  Alternative Pipeline Alignment
-  City Boundaries

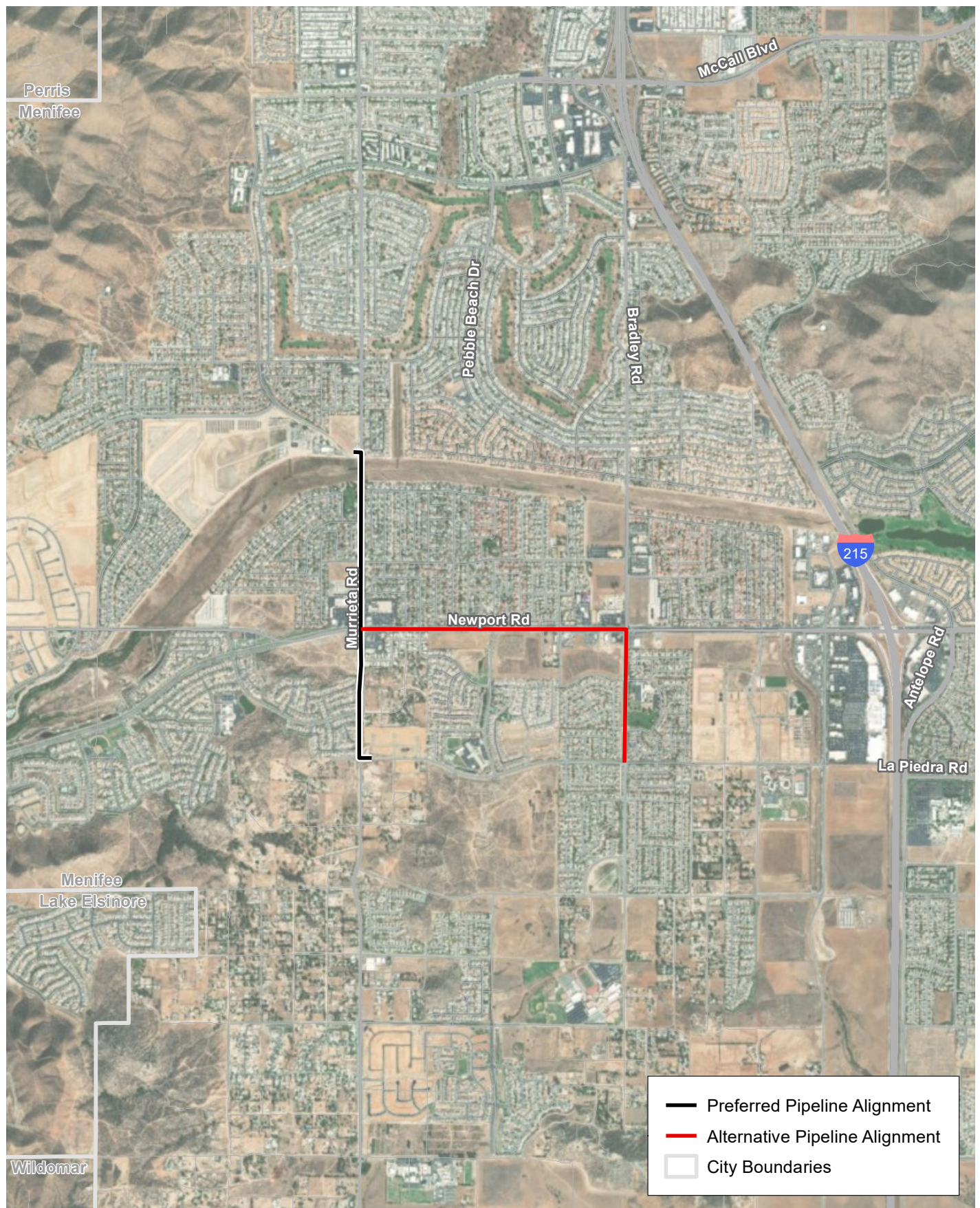
### Regional Location and Local Vicinity

### Exhibit 2-1

Murrieta Road Transmission Pipeline Project





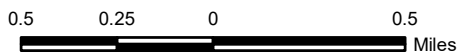


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# Aerial Photograph

Murrieta Road Transmission Pipeline Project

# Exhibit 2-2



- Preferred Pipeline Alignment
- Alternative Pipeline Alignment
- City Boundaries



The Alternative Pipeline Alignment is also located in a developing area, with similar types of land uses. As with the Preferred Pipeline Alignment, the northernmost portion of the Alternative Pipeline Alignment traverses the undeveloped, open areas in the vicinity of Salt Creek. From there, land uses become more developed, including the E.L. Pete Peterson Park, residential neighborhoods, the Newcomb Electrical Substation, and commercial and retail uses at the intersection of Murrieta Road and Newport Road. From this point, the Alternative Pipeline Alignment separates from the Preferred Pipeline Alignment and extends east along Newport Road and then south along Bradley Road. Land uses in these areas continue to include residential uses, including multi-family housing in addition to single-family neighborhoods. There are more extensive areas of undeveloped, open lands south of Newport Road, a senior center, a kindergarten through 8<sup>th</sup> grade charter school, and commercial and retail uses. Open and undeveloped areas exist along Bradley Road, as well as single-family residential neighborhoods, Chester W. Morrison Elementary School, and an open drainage channel is located west of Bradley Road, adjacent to the roadway.

All pipeline segments would be constructed within the existing public right-of-way (ROW), except for a portion immediately northeast of the Murrieta Road/La Piedra Road intersection that would potentially require a 30-foot-wide, 200-foot long private easement under the Preferred Pipeline Alignment. This easement area is comprised of unpaved ground, either bare or planted with ornamental vegetation, adjacent to the paved roadway. There is no curb, gutter, or other infrastructure apparent in the easement area.

Both the Preferred Pipeline Alignment and Alternative Pipeline Alignment would include a paved segment on Murrieta Road that crosses Salt Creek. The Salt Creek Channel occupies the southernmost part of the San Jacinto River Basin and bisects the City in a generally east-west direction. Salt Creek flows under Murrieta Road via a concrete box culvert located approximately mid-creek.

## SECTION 3.0 PROJECT DESCRIPTION

### 3.1 PURPOSE

The purpose of the proposed Project is to construct a new transmission pipeline to convey potable water south from EMWD's Perris II Desalter Complex (currently being constructed at the Sun City Regional Water Reclamation Facility) to an existing 36-inch pipeline located within La Piedra Road. The plan is to have the pipeline in place by the time the Perris II Desalter is on-line, which is estimated to occur in March 2021. Once both facilities are constructed and operational, the proposed Project would provide transmission capacity within the proposed 36- to 42-inch-diameter pipeline to La Piedra Road under either the Preferred or Alternative Pipeline Alignment. A full analysis of both options is provided in this Initial Study.

### 3.2 PHYSICAL CHARACTERISTICS

Two pipeline alignments are under consideration: (1) Preferred Pipeline Alignment, and (2) Alternative Pipeline Alignment. Components of each are described in detail below.

#### 3.1.1 PREFERRED PIPELINE ALIGNMENT

The Preferred Pipeline Alignment includes placement of approximately 7,250 lf of 36-inch to 42-inch diameter pipeline, extending from the Perris II Desalination Complex south along Murrieta Road to its intersection with La Piedra Road and then east within La Piedra Road for approximately 250 feet (**Exhibit 3-1**).

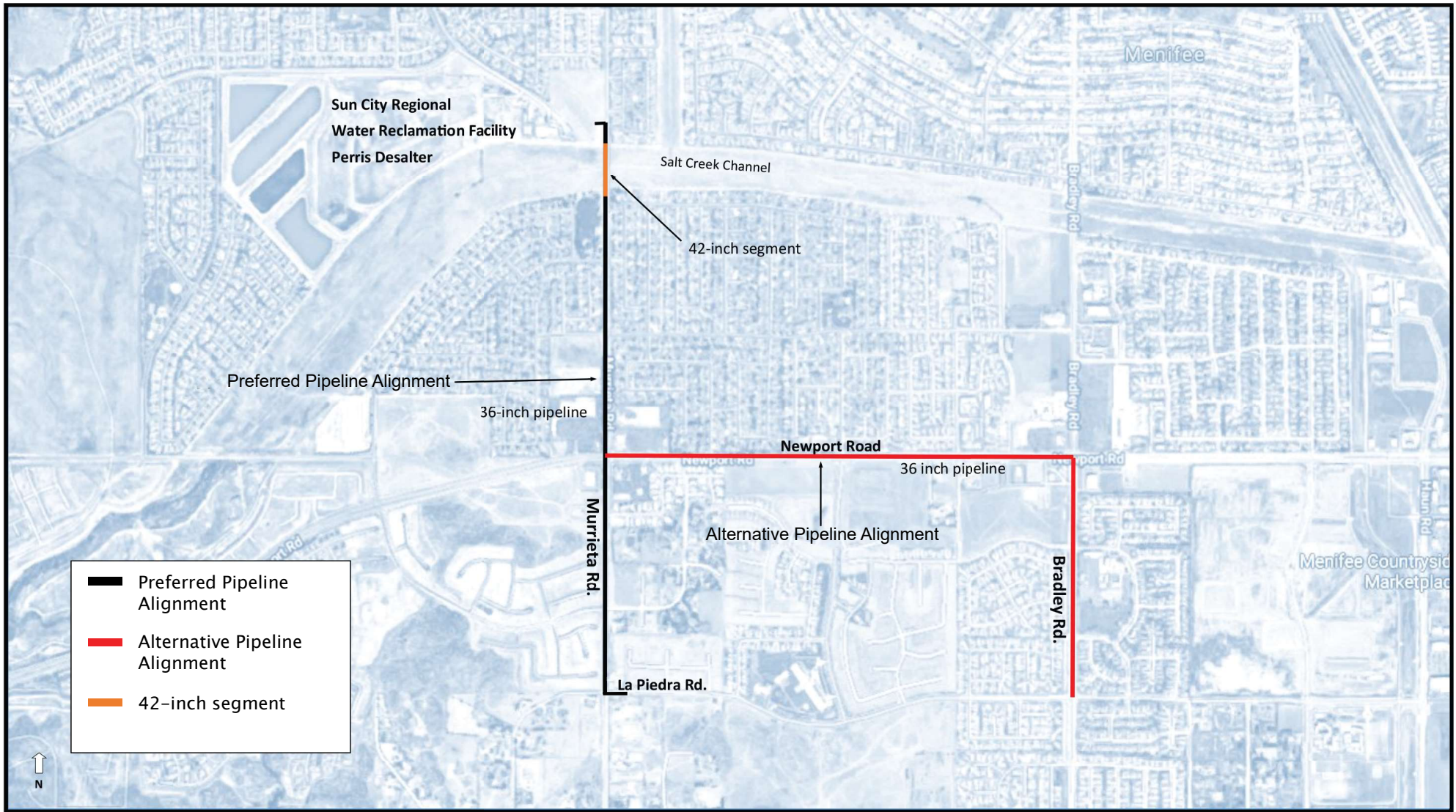
The majority of the planned pipeline would be 36-inches in diameter; however, the pipeline segment crossing Salt Creek would be increased to 42-inches in diameter (**Exhibits 3-2a and 3-2b**). The larger pipeline crossing Salt Creek allows for future abandonment of an existing 21-inch diameter water main built in the 1960s along this segment of Murrieta Road. Flows from this segment of the 21-inch pipeline would connect to the planned 42-inch line at locations both north and south of Salt Creek. The 42-inch diameter pipeline would be hydraulically equivalent to volumes carried in both the existing 21-inch and proposed 36-inch diameter pipelines.

As previously noted, all pipeline segments would be constructed within the existing public ROW of the City, except for a segment at the north end where it turns west of Murrieta Road into the EMWD parcel where the Perris II Desalter is currently being constructed, and possibly a segment northeast of the Murrieta Road/ La Piedra Road intersection. As noted below, the off-pavement segment planned for the northeast corner of the Murrieta Road/La Piedra Road intersection may require a 30-foot-wide by 200-foot long segment of land.

The exact positioning of the proposed pipeline would be determined after thorough consideration of hydraulic requirements, clearances from existing utilities, ROW width, traffic volumes, and safe traffic control. At the Murrieta Road/ Newport Road intersection, nighttime construction may be needed due to high daytime traffic volumes and congested utilities. Just north of the Murrieta Road/La Piedra Road intersection, the road has both a narrower paved area and a narrower ROW width than the rest of the alignment. Because of this constraint, and existing utility congestion, two options are being considered for this portion of the Project:

- 1) Place pipeline within west side of Murrieta Road and relocate a short segment of existing 12-inch diameter water line; or





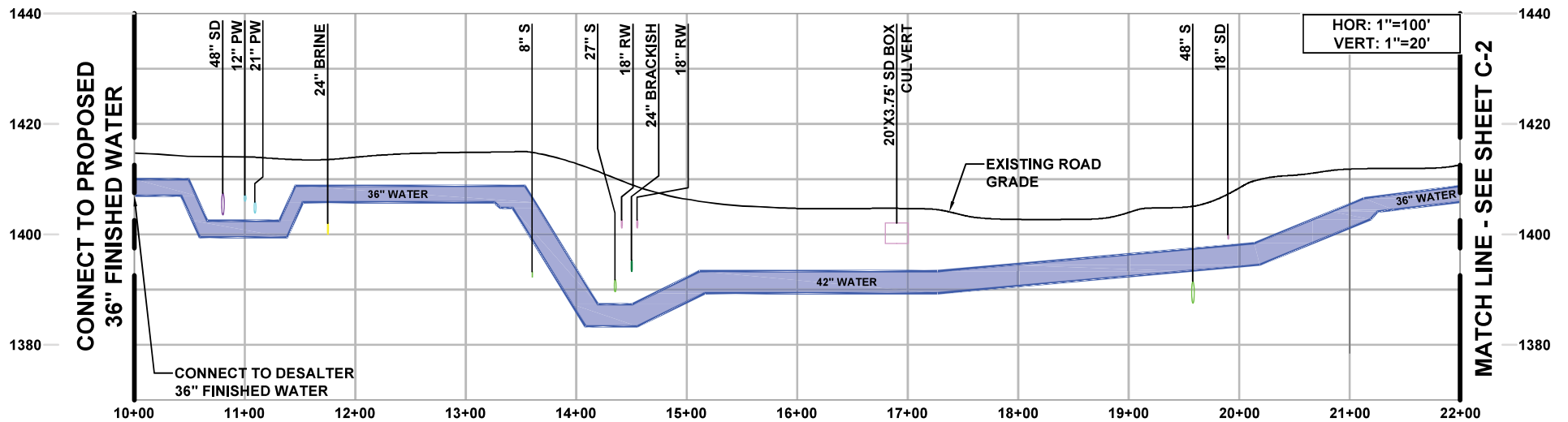
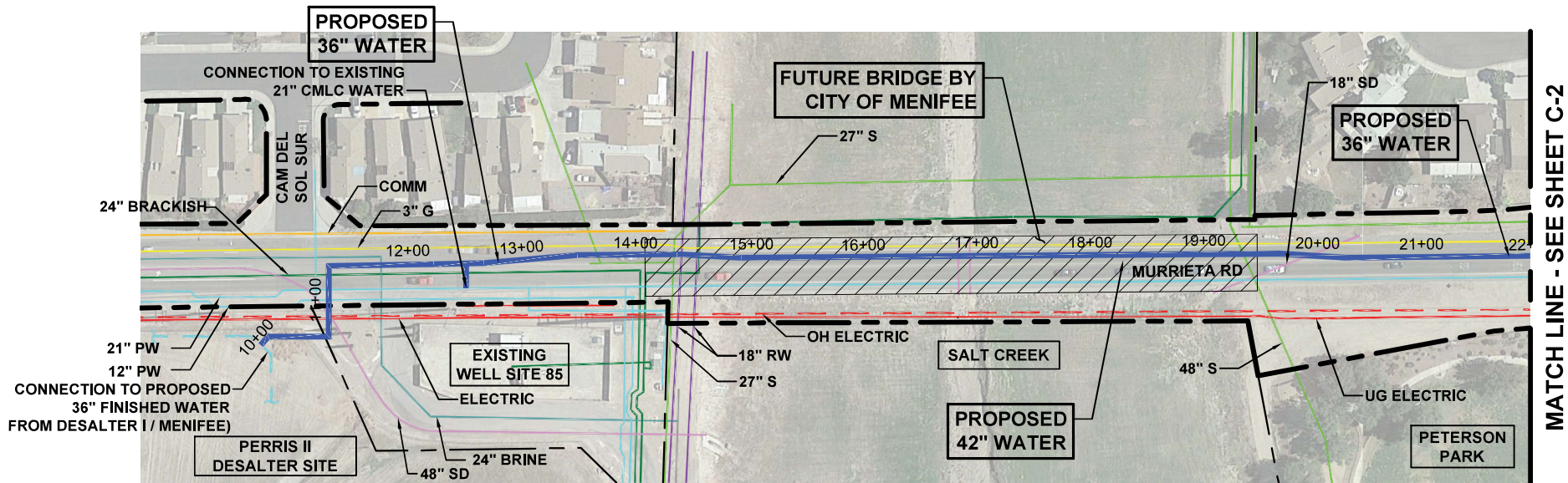
# Proposed Pipeline Alignment Alternatives

Murrieta Road Transmission Pipeline Project

Exhibit 3-1



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Source: Gannett Fleming

# Salt Creek Channel Crossing using Open Trench Method

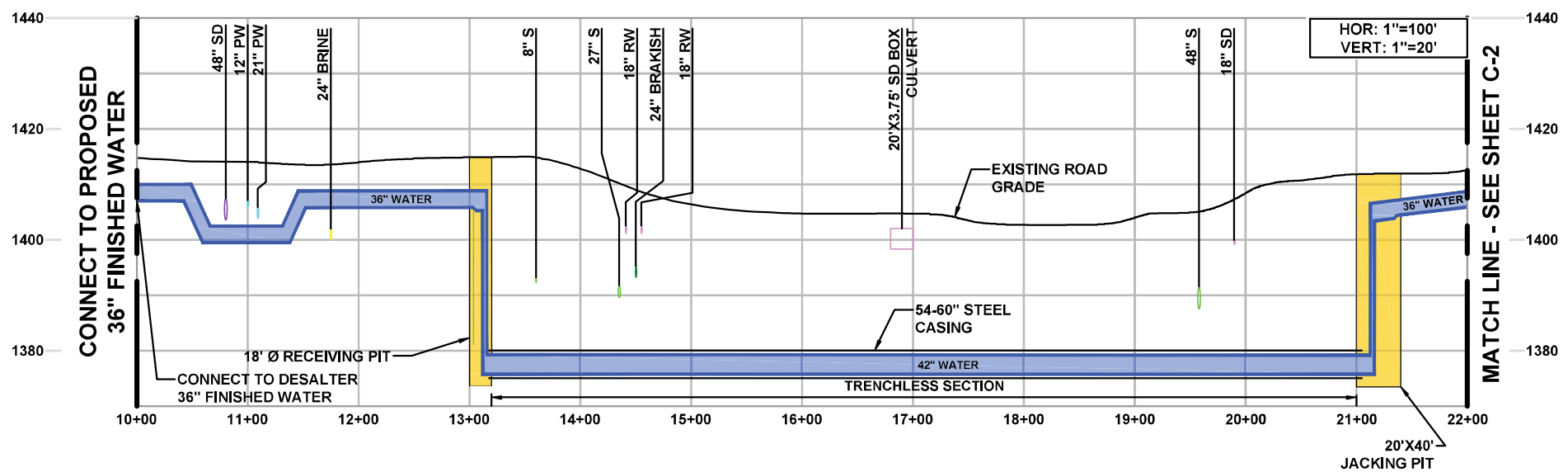
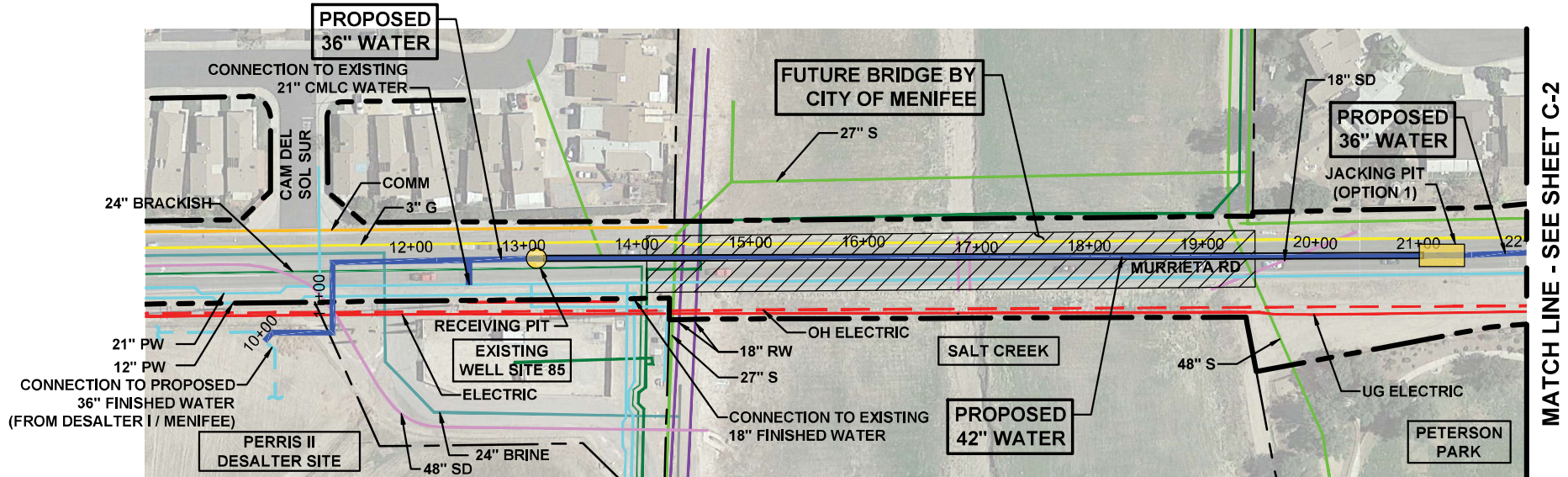
# Exhibit 3-2a

Murrieta Road Transmission Pipeline Project





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Source: Gannett Fleming

# Salt Creek Channel Crossing using Trenchless Method

# Exhibit 3-2b

Murrieta Road Transmission Pipeline Project



- 2) Place pipeline east of Murrieta Road and north of La Piedra Road, which would require acquisition of an approximately 200-foot-long by 30-foot-wide private easement in the northeast corner of the intersection.

**Exhibit 3-3**, Preferred Pipeline Alignment at Murrieta Road and La Piedra Road Intersection, illustrates both options for installing the proposed pipeline.

### **3.1.2 ALTERNATIVE PIPELINE ALIGNMENT**

The Alternative Pipeline Alignment includes placement of approximately 12,100 lf of 36-inch to 42-inch diameter pipeline, extending from the Perris II Desalination Complex south along Murrieta Road to its intersection with Newport Road, then east along Newport Road to its intersection with Bradley Road, then south along Bradley Road to its intersection with La Piedra Road, as shown on **Exhibit 3-1**. All pipeline segments would be constructed within the existing paved public ROW with the exception of the segment at the north end that turns west off Murrieta Road onto the EMWD parcel being used for the construction of the Perris II Desalter. The exact position of the proposed pipeline throughout the alignment would be determined after thorough consideration of hydraulic requirements, clearances from existing utilities, ROW width, traffic volumes, and safe traffic control.

Between the Perris II Desalination Complex and Newport Road, the conditions and constraints for this approximately 4,200-foot-long segment of the Alternative Pipeline Alignment are identical to the Preferred Pipeline Alignment, including the crossing of Salt Creek Channel and required nighttime construction within the Murrieta Road and Newport Road intersection.

The pipeline segment from Newport Road to Bradley Road extends east for approximately 5,300 feet. There are several large storm drain crossings (ranging from dual 36-inch to single 72-inch drain pipes) in Newport Road that may require trenchless construction, rather than open trench construction methods. The pipeline segment from Bradley Road to La Piedra Road extends south for approximately 2,600 feet. There are no additional construction or unusual conditions related to this segment.

### **3.1.3 WATER MAIN CONNECTIONS**

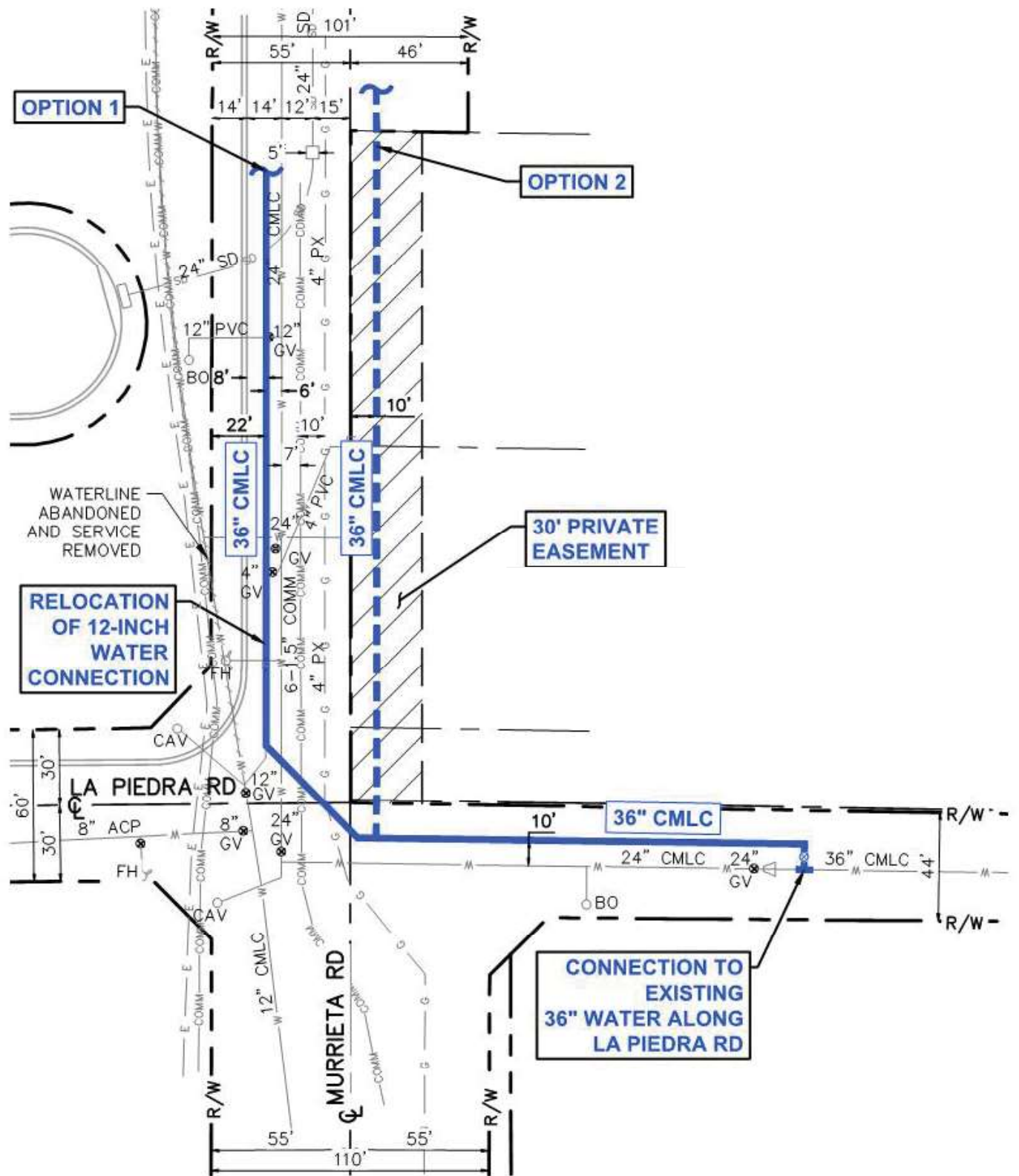
The proposed Project would include three connections to existing water mains. In addition, a stub-out would be constructed at Newport Road for a future 24-inch-diameter pipeline extending west of Murrieta Road to the EMWD's Paradise Meadows Tank; and at Newport Road for a future 36-inch-diameter pipeline extending east of Murrieta Road to connect to EMWD's future high-pressure pipeline in Bradley Road. The three water main connections are described below.

#### **Perris II Desalination Complex Connection**

The proposed 36-inch diameter pipeline would connect to a new 36-inch valved outlet, which is being designed as part of the Perris II Desalination Complex project. This connection would mainly receive potable water from the Perris I Desalter but would have interconnecting piping to the Perris II Desalination Complex for flexibility.

#### **21-Inch Water Main Connection**

Two connections would be provided to the existing 21-inch-diameter water main on the north and south sides of the Salt Creek Channel, allowing the existing 21-inch pipeline to be taken out of service in the future if needed. The connection schedule for the existing 21-inch water main would



Preferred Alignment at Murrieta Road and La Piedra Road Intersection

Exhibit 3-3

Murrieta Road Transmission Pipeline Project





be coordinated with the planned connection to the existing 21-inch water main at the north side of the Desalination Complex to optimize on a single shutdown of the existing waterline.

### **Newport Road or Murphy Ranch Road Connection**

A connection to the existing 21-inch-diameter water main in Murrieta Road would be constructed either immediately north of the intersection of Murrieta Road and Newport Road or approximately one-third mile to the south at the intersection of Murrieta Road and Murphy Ranch Road. As discussed previously, the Murrieta Road and Newport Road intersection is congested with utilities. Due to the utility congestion and high traffic volumes, the ultimate decision for this connection will be determined during final design and both options are evaluated in this document.

### **La Piedra Road Connection**

The proposed 36-inch-diameter pipeline would parallel the existing 24-inch-diameter pipeline in La Piedra Road and connect to the existing 36-inch-diameter water main approximately 250 feet east of its intersection with Murrieta Road. EMWD would review and determine whether the existing 24-inch water main in La Piedra Road would remain or would need to be abandoned. **Exhibit 3-3**, above, shows the location of this proposed connection.

## **3.3 CONSTRUCTION ACTIVITIES AND PROJECT COMPONENTS**

Construction methods used to install the pipeline would primarily include open-cut-trenching method; however, a jack-and-bore method may also be used to ensure the project avoids the concrete culvert within the Salt Creek Channel. There are two options being considered for the crossing of the box culvert located under Murrieta Road within Salt Creek: (1) open cut through the culvert, and (2) use trenchless technology to ensure no impact to the box culvert (**Exhibits 3-2a and 3-2b**). The proposed pipeline minimum open cut width of 6.5 feet would be required, and maximum cover of 35 feet would occur within the Salt Creek channel portion of Murrieta Road under both alternatives.

Jack-and-bore methods involve digging a shaft on each side of the infrastructure segment (an entrance and exit shaft) and boring underground from the entrance shaft to the exit shaft on the other side. Trenching would involve cutting pavement and using a backhoe to temporarily remove soil to the required depth. This soil would then be used to backfill the void after the pipe has been installed. Pavement would then be applied to the top of the finished surface consistent with required street specifications. It is estimated that approximately 6,000 cubic yards (cy) of earthwork would be necessary for the proposed Project. If the contractor determines that rock breaking activities are required during construction, the Project would use non-explosive demolition methods (i.e., mechanical means via a hoe ram) to fracture the bedrock with minimal disturbance. The Project would be constructed in conformance with pertinent engineering standards, including current versions of the International Code Council (ICC) International Building Code (IBC, formerly the Uniform Building Code) and the California Building Standards Commission California Building Code (CBC).

Construction equipment laydown and staging would occur in two locations: 1) within an easement of land (APN-360-680-026) to be obtained along the eastside Murrieta Road near the intersection of Murrieta Road and La Piedra Road, and 2) within a portion of the Perris II Desalter site. Both of these areas have been included in the overall analysis and are assumed for disturbance associated with the Project.

Construction is anticipated to begin in April 2020 and last until approximately March 2021, a period of approximately 12 months. The completed Project would be operational in May 2021. An estimated 80 lf of pipeline would be installed each workday.

As part of the Project, a Traffic Control Plan would be submitted to the City of Menifee for approval. While traffic diversion and lane closures would be necessary, the Project would maintain at least one open lane in each direction. Excavation areas within the ROW would be plated during non-working hours. Project-related trips would include daily construction worker trips and occasional material delivery and haul truck trips. Appropriate traffic control measures would be implemented as necessary in pertinent areas to maintain access and ensure safety. Such measures would likely include standard efforts such as the use of cones, barriers, signs, and flaggers, where applicable.

### **3.4 OTHER APPROVALS**

This IS/MND is intended to serve as the primary CEQA environmental document for all actions associated with the proposed Project, including all other approvals beyond EMWD's authority needed to implement the Project.

The following approvals are anticipated to be required prior to Project construction/operation:

- **California Division of Drinking Water.** Notification and Approval
- **California Occupational Safety and Health Administration.** Trenching/Shoring Permit
- **City of Menifee.** Encroachment Permit
- **Occupational Health and Safety Administration.** Mining and Tunnel Classification
- **San Diego Regional Water Quality Control Board.** Construction Activities, Stormwater, Dewatering, and General Permit

## SECTION 4.0 ENVIRONMENTAL CHECKLIST

### ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

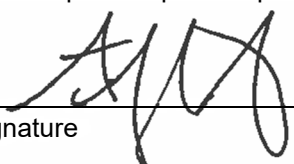
The environmental factors checked below would be potentially affected by this Project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

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

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

On the basis of this initial evaluation:

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

  
\_\_\_\_\_  
Signature

Joe Broadhead  
\_\_\_\_\_  
Printed Name

12/11/2019  
\_\_\_\_\_  
Date

Eastern Municipal Water District  
\_\_\_\_\_  
For

## EVALUATION OF ENVIRONMENTAL IMPACTS:

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

**I. AESTHETICS**

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** According to the *City of Menifee General Plan Draft Environmental Impact Report* (Menifee General Plan EIR), scenic views from the City include the San Jacinto Mountains to the northeast and east; the San Bernardino Mountains to the north; the San Gabriel Mountains to the northwest; and the Santa Ana Mountains to the west and southwest. Scenic features include gently sloping alluvial fans, rugged mountains and steep slopes, mountain peaks and ridges, rounded hills with boulder outcrops, farmland and open space. Scenic vistas provide views of these features from public spaces. In addition to the natural features discussed above, the Grandmother Tree, a coast live oak (*Quercus agrifolia*) tree on Scott Road, is one of the largest trees of its species and is thought to be over 500 years old (Menifee 2013).

There are no officially designated scenic highways in or near the City. State Route (SR) 74 passes through the northern part of the City and is considered an “Eligible State Scenic Highway – Not Officially Designated” by the California Department of Transportation (Caltrans). The nearest designated State scenic highway to the City is a portion of SR-74 in the San Jacinto Mountains about 17 miles east of the City (Menifee 2013).

Views of the scenic features identified in the Menifee General Plan EIR could be temporarily affected during construction of the Project by the presence of construction equipment. However, this would not represent a permanent change in views. Also, the Grandmother Tree is not located in the Project site vicinity and would not be affected. As such, views of construction activity would not be considered a substantial adverse effect on a scenic vista or degradation of the visual character of the area. Once construction is complete the pipeline and related infrastructure would be located entirely underground and would not, therefore, be visible or otherwise obstruct scenic vistas in the long term. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Project construction would primarily occur during daytime hours Monday through Friday. However, at the Murrieta Road/ Newport Road intersection, the City has indicated that nighttime construction would be required in this area due to high traffic volumes. Mobile construction lighting would be used during nighttime construction activities. Use of this lighting would be temporary and would be localized around a relatively small area, as work would be focused around the trench in the roadway. In addition, the lighting would be located within an intersection that includes existing streetlights and traffic lights and that is surrounded by existing commercial developments and parking lots that include lighting features. As such, construction lighting would not be a new source of substantial light that would adversely affect nighttime views where nighttime views are currently unaffected by lighting. Construction equipment could be a minor source of glare, where sunlight reflects on glass, but due to the limited amount of equipment and the presence of other existing vehicles in this area, this would not be a substantial new source of glare. As discussed above, once construction is complete the pipeline and related infrastructure would be located entirely underground and, as such, would not result in a new source of light or glare. There would be no impact.

### MITIGATION MEASURES

No mitigation is required.

**II. AGRICULTURE AND FORESTRY RESOURCES**

<p>In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board.</p>	<p><b>Potentially Significant Impact</b></p>	<p><b>Less than Significant with Mitigation</b></p>	<p><b>Less than Significant Impact</b></p>	<p><b>No Impact</b></p>
<p>Would the project:</p>				
<p>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?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The entirety of the proposed Project site would be within the existing public ROW, with the exception of a segment at the north end where the pipeline alignment enters EMWD's Perris II Desalinization site and a segment northeast of the Murrieta Road/ La Piedra Road intersection. The public ROW does not contain any agricultural resources and is not mapped by the California Department of Conservation Farmland Mapping and Monitoring Program (FMMP). The land at the northeast corner of the Murrieta Road/ La Piedra Road intersection Preferred Pipeline Alignment is classified by the FMMP as Other Land, which is land not included in any other mapping category. Therefore, the Project site contains no land designated as Prime Farmland, Farmland of Statewide Importance, Unique Farmland, or Farmland of Local Importance (California Department of Conservation 2016). There are no lands zoned for agriculture in the Project site vicinity (Menifee 2018). Also, there are no lands in the City currently under Williamson Act contract; the most recent contracts all expired on January 1, 2017 (Menifee 2013). There would be no impacts to agricultural resources.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220[g]), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104[g])?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** According to Section 12220(g) of the *California Public Resources Code*, “forest land is land that can support 10 percent native tree cover of any species, including hardwoods, under natural conditions, and that allows for management of one or more forest resources, including timber, aesthetics, fish and wildlife, biodiversity, water quality, recreation, and other public benefits”. The Project site does not meet the definition of forest land. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed previously, the Project site is not designated as Farmland nor is it zoned for agriculture. The nearest agricultural zoning is situated approximately 1.5 miles to the south-southeast. There are no areas adjacent to the Project site that are currently used for agricultural purposes. Further, there are no forest lands in the vicinity of the Project site; therefore, the Project would not convert forest land to non-forest use. Finally, the purpose of the Project is to expand the water conveyance infrastructure to meet anticipated demands, rather than to facilitate future growth. There would be no impact.

## MITIGATION MEASURES

No mitigation is required.



### III. AIR QUALITY

#### Existing Conditions

Air quality in the City is regulated by the South Coast Air Quality Management District (AQMD), which is the agency principally responsible for comprehensive air pollution control in the South Coast Air Basin (SoCAB). Both the State of California and the U.S. Environmental Protection Agency (USEPA) have established health-based Ambient Air Quality Standards (AAQS) for air pollutants, which are known as “criteria pollutants”. The AAQS are designed to protect the health and welfare of the populace within a reasonable margin of safety. The AAQS for ozone (O<sub>3</sub>), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), respirable particulate matter with a diameter of 10 microns or less (PM<sub>10</sub>), fine particulate matter with a diameter of 2.5 microns or less (PM<sub>2.5</sub>), and lead are shown in **Table 4-1** on the following page.

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

**TABLE 4-1  
CALIFORNIA AND FEDERAL AMBIENT AIR QUALITY STANDARDS**

Pollutant	Averaging Time	California Standards	Federal Standards	
			Primary <sup>a</sup>	Secondary <sup>b</sup>
O <sub>3</sub>	1 Hour	0.09 ppm (180 µg/m <sup>3</sup> )	–	–
	8 Hour	0.070 ppm (137 µg/m <sup>3</sup> )	0.070 ppm (137 µg/m <sup>3</sup> )	Same as Primary
PM <sub>10</sub>	24 Hour	50 µg/m <sup>3</sup>	150 µg/m <sup>3</sup>	Same as Primary
	AAM	20 µg/m <sup>3</sup>	–	Same as Primary
PM <sub>2.5</sub>	24 Hour	–	35 µg/m <sup>3</sup>	Same as Primary
	AAM	12 µg/m <sup>3</sup>	12.0 µg/m <sup>3</sup>	15.0 µg/m <sup>3</sup>
CO	1 Hour	20 ppm (23 mg/m <sup>3</sup> )	35 ppm (40 mg/m <sup>3</sup> )	–
	8 Hour	9.0 ppm (10 mg/m <sup>3</sup> )	9 ppm (10 mg/m <sup>3</sup> )	–
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m <sup>3</sup> )	–	–
NO <sub>2</sub>	AAM	0.030 ppm (57 µg/m <sup>3</sup> )	0.053 ppm (100 µg/m <sup>3</sup> )	Same as Primary
	1 Hour	0.18 ppm (339 µg/m <sup>3</sup> )	0.100 ppm (188 µg/m <sup>3</sup> )	–
SO <sub>2</sub>	24 Hour	0.04 ppm (105 µg/m <sup>3</sup> )	–	–
	3 Hour	–	–	0.5 ppm (1,300 µg/m <sup>3</sup> )
	1 Hour	0.25 ppm (655 µg/m <sup>3</sup> )	0.075 ppm (196 µg/m <sup>3</sup> )	–
Lead	30-day Avg.	1.5 µg/m <sup>3</sup>	–	–
	Calendar Quarter	–	1.5 µg/m <sup>3</sup>	Same as Primary
	Rolling 3-month Avg.	–	0.15 µg/m <sup>3</sup>	
Visibility Reducing Particles	8 Hour	Extinction coefficient of 0.23 per km – visibility ≥ 10 miles (0.07 per km – ≥30 miles for Lake Tahoe)	<b>No Federal Standards</b>	
Sulfates	24 Hour	25 µg/m <sup>3</sup>		
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m <sup>3</sup> )		
Vinyl Chloride	24 Hour	0.01 ppm (26 µg/m <sup>3</sup> )		

O<sub>3</sub>: ozone; ppm: parts per million; µg/m<sup>3</sup>: micrograms per cubic meter; PM<sub>10</sub>: respirable particulate matter 10 microns or less in diameter; AAM: Annual Arithmetic Mean; –: No Standard; PM<sub>2.5</sub>: fine particulate matter 2.5 microns or less in diameter; CO: carbon monoxide; mg/m<sup>3</sup>: milligrams per cubic meter; NO<sub>2</sub>: nitrogen dioxide; SO<sub>2</sub>: sulfur dioxide; km: kilometer.

<sup>a</sup> *National Primary Standards*: The levels of air quality necessary, within an adequate margin of safety, to protect the public health.

<sup>b</sup> *National Secondary Standards*: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

Note: More detailed information in the data presented in this table can be found at the California Air Resources Board website ([www.arb.ca.gov](http://www.arb.ca.gov)).

Source: CARB 2016

For the California Air Resources Board (CARB), an “Unclassified” designation indicates that the air quality data for the area are incomplete and do not support a designation of attainment or nonattainment. **Table 4-2**, summarizes the current attainment status of the SoCAB for the criteria pollutants.

**TABLE 4-2  
CRITERIA POLLUTANT DESIGNATIONS  
IN THE SOUTH COAST AIR BASIN**

Pollutant	State	Federal
O <sub>3</sub> (1-hour)	Nonattainment	No Standard
O <sub>3</sub> (8-hour)	Nonattainment	Nonattainment
PM10	Nonattainment	Attainment/Maintenance
PM2.5	Nonattainment	Nonattainment
CO	Attainment	Attainment/Maintenance
NO <sub>2</sub>	Attainment	Attainment/Maintenance
SO <sub>2</sub>	Attainment	Attainment
Lead	Attainment	Nonattainment/Attainment <sup>a</sup>
Visibility-Reducing Particles	Unclassified <sup>b</sup>	No Standards
Sulfates	Attainment	
Hydrogen Sulfide	Unclassified	
<p>O<sub>3</sub>: ozone; PM10: respirable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; CO: carbon monoxide; NO<sub>2</sub>: nitrogen dioxide; SO<sub>2</sub>: sulfur dioxide; SoCAB: South Coast Air Basin.</p> <p><sup>a</sup> Los Angeles County is classified as nonattainment for lead; the remainder of the SoCAB is in attainment of State and federal standards.</p> <p><sup>b</sup> “Unclassified” designation indicates that the air quality data for the area are incomplete and do not support a designation of attainment or nonattainment.</p> <p>Source: South Coast AQMD 2016</p>		

O<sub>3</sub> is formed by photochemical reactions between NO<sub>x</sub> and volatile organic compounds (VOCs) rather than being directly emitted. O<sub>3</sub> is the principal component of smog. Elevated O<sub>3</sub> concentrations cause eye and respiratory infection; reduce resistance to lung infection; and may aggravate pulmonary conditions in persons with lung disease. O<sub>3</sub> is also damaging to vegetation and untreated rubber. The entire SoCAB is designated as a nonattainment area for the State one-hour O<sub>3</sub> standard.

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

NO<sub>2</sub> (a “whiskey brown”-colored gas) and nitric oxide (NO) (a colorless, odorless gas) are formed from combustion devices. These compounds are referred to as NO<sub>x</sub>. NO<sub>x</sub> is a primary component of the photochemical smog reaction. The severity of health effects of NO<sub>x</sub> depends primarily on the concentration inhaled. Acute symptoms can include coughing, difficulty breathing, vomiting, headache, and eye irritation. Respiratory symptoms may also increase in severity after prolonged exposure.

SO<sub>2</sub> is a corrosive gas that is primarily formed from the combustion of fuels containing sulfur (e.g., from power plants) and heavy industry that use coal or oil as fuel. SO<sub>2</sub> irritates the respiratory

tract and can result in lung disease and breathing problems for asthmatics. Atmospheric SO<sub>2</sub> also contributes to acid rain.

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

Particulate matter is the term used for a mixture of solid particles and liquid droplets found in the air. Respirable particulate matter (i.e., PM<sub>10</sub>) derives from a variety of sources including road dust from paved and unpaved roads; diesel soot; combustion products; tire and brake abrasion; construction operations; and fires. Fuel combustion and certain industrial processes are primarily responsible for fine particle (i.e., PM<sub>2.5</sub>) levels. Coarse particles (PM<sub>10</sub>) can accumulate in the respiratory system and aggravate health problems such as asthma. PM<sub>2.5</sub> can deposit itself deep in the lungs and may contain substances that are harmful to human health.

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

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

Sensitive receptors near the Preferred Pipeline Alignment are single-family residences along Murrieta Road, and recreational users of E.L. Pete Peterson Park, immediately west of Murrieta Road. Sensitive receptors near the Alternative Pipeline Alignment are single-family residences along Bradley Road and Newport Road, Chester W. Morrison Elementary School, and recreational users of Kyle Marsh Park.

### **Significance Criteria**

Appendix G of the State CEQA Guidelines states that the significance criteria established by the applicable air quality management district may be relied upon to make significance determinations. The South Coast AQMD has established significance thresholds to assess the regional and localized impacts of Project-related air pollutant emissions; **Table 4-3** presents the current significance thresholds.

**TABLE 4-3  
SOUTH COAST AQMD AIR QUALITY SIGNIFICANCE THRESHOLDS**

<b>Mass Daily Thresholds<sup>a</sup></b>		
<b>Pollutant</b>	<b>Construction</b>	<b>Operation</b>
NOx	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM10	150 lbs/day	150 lbs/day
PM2.5	55 lbs/day	55 lbs/day
SOx	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Lead	3 lbs/day	3 lbs/day
<b>TACs, Odor, and GHG Thresholds</b>		
TACs (including carcinogens and non-carcinogens)	Maximum Incremental Cancer Risk $\geq$ 10 in 1 million Cancer Burden > 0.5 excess cancer cases (in areas $\geq$ 1 in 1 million) Chronic & Acute Hazard Index $\geq$ 1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to South Coast AQMD Rule 402	
GHG	10,000 MT/yr CO <sub>2</sub> e for industrial facilities	
<b>Ambient Air Quality Standards for Criteria Pollutants<sup>b, c</sup></b>		
NO <sub>2</sub>  1-hour average annual arithmetic mean	The South Coast AQMD is in attainment; the Project is significant if it causes or contributes to an exceedance of the following attainment standards:  0.18 ppm (State) 0.03 ppm (State) and 0.0534 ppm (federal)	
PM10  24-hour average annual average	10.4 $\mu\text{g}/\text{m}^3$ (construction) <sup>c</sup> & 2.5 $\mu\text{g}/\text{m}^3$ (operation) 1.0 $\mu\text{g}/\text{m}^3$	
PM2.5 24-hour average	10.4 $\mu\text{g}/\text{m}^3$ (construction) <sup>c</sup> & 2.5 $\mu\text{g}/\text{m}^3$ (operation)	
SO <sub>2</sub> 1-hour average 24-hour average	0.25 ppm (State) & 0.075 ppm (federal – 99 <sup>th</sup> percentile) 0.04 ppm (State)	
Sulfate 24-hour average	25 $\mu\text{g}/\text{m}^3$ (State)	
CO  1-hour average 8-hour average	South Coast AQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards:  20.0 ppm (State) and 35 ppm (federal) 9.0 ppm (State/federal)	
Lead 30-day average Rolling 3-month average	1.5 $\mu\text{g}/\text{m}^3$ (State) 0.15 $\mu\text{g}/\text{m}^3$ (federal)	
<p>NOx: nitrogen oxides, lbs/day: pounds per day, VOC: volatile organic compound, PM10: respirable particulate matter with a diameter of 10 microns or less, PM2.5: fine particulate matter with a diameter of 2.5 microns or less, SOx: sulfur oxides, CO: carbon monoxide, TACs: toxic air contaminants, GHG: greenhouse gases, MT/yr CO<sub>2</sub>e: metric tons per year of carbon dioxide equivalents, NO<sub>2</sub>: nitrogen dioxide, ppm: parts per million, <math>\mu\text{g}/\text{m}^3</math>: micrograms per cubic meter; South Coast AQMD: South Coast Air Quality Management District</p> <p><sup>a</sup> Source: South Coast AQMD CEQA Handbook (South Coast AQMD 1993)  <sup>b</sup> Ambient air quality thresholds for criteria pollutants based on South Coast AQMD Rule 1303, Table A-2 unless otherwise stated  <sup>c</sup> Ambient air quality threshold is based on South Coast AQMD Rule 403</p> <p>Source: South Coast AQMD 2019</p>		

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The South Coast AQMD develops rules and regulations; establishes permitting requirements for stationary sources; inspects emissions sources; and enforces such measures through educational programs or fines, when necessary. The South Coast AQMD is directly responsible for reducing emissions from stationary (area and point), mobile, and indirect sources. It has responded to this requirement by preparing a sequence of Air Quality Management Plans (AQMPs).

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

The two principal criteria for conformance to an AQMP are:

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

With respect to the first criterion, the analyses in Responses to Questions III.b below demonstrate that the Project would not (1) generate short-term or long-term emissions of VOCs, oxides of nitrogen [NOx, which are O<sub>3</sub> precursors], or PM<sub>2.5</sub> that could potentially cause an increase in the frequency or severity of existing air quality violations; (2) cause or contribute to new violations; or (3) delay timely attainment of air quality standards.

With respect to the second criterion, the Project would not increase or modify SCAG's population, housing, or employment projections. The Project would accommodate the projected growth in population accounted for in the 2016 AQMP emissions forecast and would provide additional water conveyance capacity to serve the demands of local communities. Therefore, the Project would be consistent with the region's AQMP. There would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The South Coast AQMD has developed significance thresholds to determine whether State and federal air quality standards would be violated or whether a substantial contribution to a violation would occur. These significance thresholds have been developed for the construction and operations phases of the Project and examine the potential impacts of the Project’s emissions on both a regional and local context.

**Construction Emissions – Regional**

Criteria pollutant emissions would occur during construction from operation of construction equipment; asphalt removal, and earthmoving activities, which would generate fugitive dust; export of excavated soil and demolished asphalt; import of construction materials; and operation of vehicles driven to and from the site by construction workers.

Project emissions were estimated using the California Emissions Estimator Model (CalEEMod) version 2016.3.2 computer program (CAPCOA 2017). CalEEMod is designed to model construction and operational emissions for land development projects and allows for the input of project- and county-specific information. CalEEMod has separate databases for specific counties and air districts, and the County of Riverside database was used for the proposed Project.

The mass emissions significance thresholds (see **Table 4-3**) are based on the rate of emissions (i.e., pounds of pollutants emitted per day). Therefore, the quantity, duration, and intensity of construction activity are important in ensuring the analysis of worst case (i.e., maximum daily) emissions scenarios. The Project activities (e.g., asphalt removal, excavation, paving) are identified by start date and duration for both the Preferred Pipeline Alignment and Alternative Pipeline Alignment. Each activity has associated off-road equipment (e.g., dozers, backhoes, cranes) and on-road vehicles (e.g., haul trucks, concrete trucks, worker commute vehicles).

Construction hauling truck trips were estimated based on the construction phase length and amount of debris or soil to export. Project-specific inputs can be found in the CalEEMod output data, located in Appendix A of this IS/MND. Dust control by watering was assumed, consistent with the requirements of South Coast AQMD Rule 403. Specifically, during construction of the Project, EMWD and its contractors shall be required to comply with regional rules, which would assist in reducing short-term air pollutant emissions. South Coast AQMD Rule 402 requires that air pollutant emissions not be a nuisance off site. South Coast AQMD Rule 403 requires that fugitive dust be controlled with the best available control measures so that dust does not remain visible in the atmosphere beyond the property line of the emission source.

Maximum daily emissions for the peak workday of the Preferred and Alternative Pipeline Alignments are shown in **Table 4-4**. If construction is delayed and/or occurs over a longer time period, emissions could be reduced because of (1) a more modern and cleaner construction equipment fleet mix and/or (2) a less intensive buildout schedule (i.e., fewer daily emissions

occurring over a longer time interval). As shown, all criteria pollutant emissions would be less than their respective thresholds. There would be less than significant impacts from construction of either the Preferred Pipeline Alignment or Alternative Pipeline Alignment and no mitigation is required.

**TABLE 4-4  
ESTIMATED MAXIMUM DAILY CONSTRUCTION EMISSIONS  
(LBS/DAY)**

Project Component	VOC	NOx	CO	SOx	PM10	PM2.5
<b>Preferred Pipeline Alignment</b>						
2020	3	29	28	<1	2	2
Maximum	<b>3</b>	<b>29</b>	<b>28</b>	<b>&lt;1</b>	<b>2</b>	<b>2</b>
<b>Alternative Pipeline Alignment</b>						
2020	3	29	28	<1	2	2
2021	3	27	28	<1	2	1
Maximum	<b>3</b>	<b>29</b>	<b>28</b>	<b>&lt;1</b>	<b>2</b>	<b>2</b>
<b>South Coast AQMD Daily Thresholds (Table 4-3)</b>	<b>75</b>	<b>100</b>	<b>550</b>	<b>150</b>	<b>150</b>	<b>55</b>
<b>Exceeds South Coast AQMD Thresholds?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
lbs/day: pounds per day; VOC: volatile organic compound(s); NOx: nitrogen oxides; CO: carbon monoxide; SOx: sulfur oxides; PM10: inhalable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; South Coast AQMD: South Coast Air Quality Management District.						
Source: CalEEMod data in Appendix A.						

### **Construction Emissions – Local/Ambient Air Quality**

The localized effects from the on-site portion of daily emissions were evaluated at receptor locations potentially impacted by construction of the Preferred Pipeline Alignment and the Alternative Pipeline Alignment, according to the South Coast AQMD’s localized significance threshold (LST) method, which utilizes on-site emissions rate look up tables and project-specific modeling, where appropriate. When quantifying mass emissions for localized analysis, only emissions that occur on site are considered. Consistent with the South Coast AQMD’s LST method guidelines, emissions related to off-site delivery/haul truck activity and employee trips are not considered in the evaluation of localized impacts.

LSTs are applicable to the following four criteria pollutants: NO<sub>2</sub>, CO, PM10, and PM2.5. LSTs represent the maximum emissions from a project that are not expected to cause or contribute to an exceedance of the most stringent applicable federal or State ambient air quality standard, and are developed based on the ambient concentrations of that pollutant for each source receptor area and distance to the nearest receptor. For the LST CO and NO<sub>2</sub> exposure analysis, receptors who could be exposed for one hour or more are considered. For PM10 and PM2.5 exposure analysis, receptors who could be exposed for 24 hours are considered. The mass rate look-up tables were developed for each source receptor area and can be used to determine if a project may generate significant adverse localized air quality impacts. The South Coast AQMD provides LST mass rate look-up tables for projects that are less than or equal to five acres, accordingly, this is the appropriate method for the Project.



As shown in **Table 4-5**, localized emissions for all criteria pollutants for both the Preferred Pipeline Alignment and Alternative Pipeline Alignment would be less than their respective South Coast AQMD LSTs for all pollutants. There would be less than significant impacts from construction of either the Preferred Pipeline Alignment or Alternative Pipeline Alignment.

**TABLE 4-5  
LOCALIZED CONSTRUCTION POLLUTANT EMISSIONS  
(LBS/DAY)**

	<b>NOx</b>	<b>CO</b>	<b>PM10</b>	<b>PM2.5</b>
Preferred Pipeline Alignment	10	10	1	1
Alternative Pipeline Alignment	12	10	1	1
<b>South Coast AQMD LSTs*</b>	<b>118</b>	<b>602</b>	<b>4</b>	<b>3</b>
<b>Exceeds South Coast AQMD Thresholds?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>No</b>
lbs/day: pounds per day; NOx: nitrogen oxides; CO: carbon monoxide; PM10: respirable particulate matter with a diameter of 10 microns or less; PM2.5: fine particulate matter with a diameter of 2.5 microns or less; South Coast AQMD: South Coast Air Quality Management District; LST: Localized Significance Threshold. * Thresholds for Source Receptor Area 24, Perris Valley, 1-acre site, 25-meter receptor distance Source: South Coast AQMD 2009.				

### **Long-Term Operational Emissions**

After installation of underground pipelines for the Preferred Pipeline Alignment or Alternative Pipeline Alignment, there would be no routine operational trips, energy consumption, or other sources of criteria pollutant emissions. There would be no operations phase emissions associated with either the Preferred Pipeline Alignment or the Alternative Pipeline Alignment. There would be less than significant impacts.

### **Cumulative Impacts**

The County of Riverside portion of the SoCAB is a nonattainment area for O<sub>3</sub>, PM10, and PM2.5. The proposed Project would generate these pollutants during construction, and short-term cumulative impacts related to air quality could occur if Project construction and nearby construction activities were to occur simultaneously. With respect to local impacts, cumulative construction particulate (i.e., fugitive dust) impacts are considered when projects are located within a few hundred yards of each other. As described above, construction emissions would be below the South Coast AQMD regional and localized significance thresholds. Therefore, consistent with South Coast AQMD guidance, short-term construction emissions of nonattainment pollutants during construction of the Project would not be cumulatively considerable. There would be less than significant impacts from construction of either the Preferred Pipeline Alignment or Alternative Pipeline Alignment.

As previously discussed, long-term emissions would be negligible and therefore not cumulatively considerable. The long-term cumulative impact would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

### **Carbon Monoxide Hotspot**

A CO hotspot is an area of localized CO pollution caused by severe vehicle congestion on major roadways, typically near intersections. If a project increases average delay at signalized intersections operating at level of service (LOS) E or F or causes an intersection that would operate at LOS D or better without the project to operate at LOS E or F with the project, a quantitative screening is required. As discussed previously in the Response to Question III.b, there would be no operations phase traffic associated with the Preferred Pipeline Alignment or the Alternative Pipeline Alignment. Thus, the Project would neither cause new severe congestion nor significantly worsen existing congestion. There would be no potential for a CO hotspot or exposure of sensitive receptors to substantial, Project-generated local CO emissions. There would be a less than significant.

### **Criteria Pollutants from On-Site Construction**

Exposure of persons to NO<sub>2</sub>, CO, PM<sub>10</sub>, and PM<sub>2.5</sub> emissions is discussed in the LST analysis. As discussed, there would be a less than significant impact.

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

Construction activities would result in short-term, Project-generated emissions of diesel PM from the exhaust of off-road, heavy-duty diesel equipment used for site preparation (e.g., asphalt removal, excavation and backfilling); and paving. CARB identified diesel PM as a TAC in 1998. The dose to which receptors are exposed is the primary factor used to determine health risk. Dose is a function of the concentration of a substance or substances in the environment and the duration of exposure to the substance. Thus, the risks estimated for a maximally exposed individual (MEI) are higher if a fixed exposure occurs over a longer time period. According to the Office of Environmental Health Hazard Assessment, health risk assessments—which determine the exposure of sensitive receptors to TAC emissions—should be based on a 30- to 70-year exposure period; however, such assessments should be limited to the period/duration of activities associated with a project.

For the Project, there would be few pieces of off-road, heavy-duty diesel equipment in operation, and the construction period would be short when compared to a 30- to 70-year exposure period. In addition, construction equipment would remain proximate to a specific receptor location for a short amount of time due to the linear manner for which construction of the pipeline would occur. When considering these facts combined with the highly dispersive properties of diesel PM and additional reductions in particulate emissions from newer construction equipment, as required by USEPA and CARB regulations, it can be concluded that TAC emissions during construction of

the Project would not expose sensitive receptors to substantial emissions of TACs. There would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Objectionable odors are generally associated with agricultural activities; landfills and transfer stations; the generation or treatment of sewage; the use or generation of chemicals; food processing; or other activities that generate unpleasant odors (South Coast AQMD 1993). The proposed Project would involve installation of underground pipelines. None of the proposed Project elements would generate objectionable odors. There would be no impact.

During construction, the proposed Project would operate equipment that may generate odors resulting from on-site construction equipment’s diesel exhaust emissions or paving operations. However, these odors would be temporary and would dissipate rapidly from the source with an increase in distance. Therefore, construction odors would be considered less than significant.

**MITIGATION MEASURES**

No mitigation is required.

**IV. BIOLOGICAL RESOURCES**

This section is based on the *Biological Resources Assessment for the Eastern Municipal Water District Murrieta Road Transmission Pipeline Project* (Biological Resources Assessment) prepared by Psomas for the proposed Project (Psomas 2019a; Appendix B).

**Methodology**

Psomas Senior Biologist Allison Rudalevige conducted a site review on August 28, 2019, to conduct a general plant and wildlife survey, map existing vegetation communities, and perform an assessment of potential jurisdictional waters. The area surveyed consists of a five-foot-wide trench impact area along both the Preferred Pipeline Alignment and Alternative Pipeline Alignment plus a 15-foot buffer on both sides of the trench that represents a “disturbance area” (e.g., for construction equipment access that would not involve belowground disturbance). This represents a 35-foot-wide study area.

All plant species observed were recorded in field notes. Plant species were identified in the field or collected for subsequent identification using keys in Baldwin et al. (2012). Nomenclature of plant taxa conform to the *Special Vascular Plants, Bryophytes, and Lichens List* (CDFW 2019c) for special status species and the Jepson eFlora (Jepson Flora Project 2017) for all other taxa.

All wildlife species detected during the course of the survey were documented in field notes. Taxonomy and nomenclature for wildlife generally follows the *Special Animals List* (CDFW 2019b)

for special status species and, for other species, Crother (2017) for amphibians and reptiles, the American Ornithological Society (AOS 2018) for birds, and the Smithsonian National Museum of Natural History (SNMNH 2011) for mammals.

Prior to the survey, a literature review was conducted to identify special status plants, wildlife, and habitats that have been reported to occur in the vicinity of the study area. Resources reviewed included the California Native Plant Society's (CNPS') Inventory of Rare and Endangered Plants (CNPS 2019), the California Department of Fish and Wildlife's (CDFW's) California Natural Diversity Database (CNDDDB)(CDFW 2019a). Database searches included the US Geological Survey's (USGS') Romoland 7.5-minute quadrangle.

	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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The proposed Project study area is located primarily within developed areas and consists of the existing paved roads and the concrete box culvert at Salt Creek. The existing roads range from a single lane in each direction to two lanes in each direction with turning lanes. These areas lack vegetation and do not provide habitat for common or special status plant or wildlife species, as discussed below. There are no riparian or other sensitive vegetation types in the study area, as discussed below. The area at the north end of the study area where the pipeline would be directed west onto EMWD land lacks vegetation and does not provide habitat for common or special status plant or wildlife species. The northeast corner of the Murrieta Road/La Piedra Road is not considered a sensitive natural community and provides only marginally suitable habitat for common wildlife species.

**Existing Conditions**

The study area (roads) primarily traverse areas dominated by residential development, retail facilities, parks or fallow fields. Based on the current Project footprint, the only areas outside of existing roads that will be directly impacted consist of EMWD land at the northern end of Murrieta Road and the northeast corner of the Murrieta Road/La Piedra intersection. The area at the north end of the study area where the pipeline would be directed west onto EMWD land was under active construction on August 28, 2019 and does not contain vegetation. The northeast corner of the Murrieta Road/La Piedra Road is a private residential parcel with bare ground, non-native weedy vegetation (i.e., shortpod mustard [*Hirschfeldia incana*]), and a row of European olive (*Olea europaea*) trees along Murrieta Road.

Indirect impacts (i.e., edge effects) or expansion of the Project footprint (e.g., staging areas) may affect the adjacent areas. Most of the adjacent developed areas outside the study area boundary contain a variety of ornamental landscaping species such as European olive, pine (*Pinus* sp.), blue jacaranda (*Jacaranda mimosifolia*), and Mexican fan palm (*Washingtonia robusta*) located along the road edge. Undeveloped fallow fields, which appear periodically mowed or tilled, are also adjacent to the study area. These areas are primarily dominated by non-native, weedy species, primarily shortpod mustard with lesser amounts of non-native grasses (e.g., oats [*Avena* sp.] and bromes [*Bromus* sp.]). Scattered native species occurring at low densities in these areas include annual sunflower (*Helianthus annuus*), vinegar weed (*Trichostema lanceolatum*), doveweed (*Croton setiger*), and California buckwheat (*Eriogonum fasciculatum*). Some of these undeveloped lots were mowed/tilled prior to the survey while others contained mature vegetation. A small area of disturbed coastal sage scrub is located south of Newport Road between Evans Road and Winterhawk Road. This area contains California buckwheat and California sagebrush (*Artemisia californica*) disturbed by the growth of shortpod mustard and red brome (*Bromus madritensis* ssp. *rubens*) and mechanical disturbance. The main channel of Salt Creek crosses under Murrieta Road through a box culvert; a periodically mowed or tilled terrace occurs on either side of the channel. Vegetation within the active channel is dominated by cocklebur (*Xanthium strumarium*), annual sunflower, and curly dock (*Rumex crispus*). Vegetation on either side of the main channel is dominated by non-native grasses (e.g., red brome, oats, rye grass [*Festuca perennis*], Bermuda grass [*Cynodon dactylon*]), English plantain (*Plantago lanceolata*), and bindweed (*Convolvulus arvensis*).

### **Wildlife Habitat**

Given the rural nature of the landscape setting, wildlife species occurring in the vicinity of the Project study area are expected to be relatively urban-tolerant. The study area does not provide habitat for wildlife; however, species may cross the roadways and pass through the box culvert at Salt Creek.

No fish, amphibian, or reptile species were observed during the survey. Salt Creek was dry at the time of the survey. Based on the U.S. Fish and Wildlife Service's National Wetlands Inventory Wetland Mapper, it may carry flow temporarily or for extended periods during the growing season. Given the lack of perennial flow, it is not expected to support fish species and has limited potential to support amphibian species such as Baja California treefrog (*Pseudacris hypochondriaca*). Common reptile species expected to occur include western fence lizard (*Sceloporus occidentalis*), common side-blotched lizard (*Uta stansburiana*), and southern alligator lizard (*Elgaria multicarinata*).

Common bird species observed on or adjacent to the study area include mourning dove (*Zenaida macroura*), red-tailed hawk (*Buteo jamaicensis*), turkey vulture (*Cathartes aura*), and American crow (*Corvus brachyrhynchos*). Other common species that may occur include Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), house finch (*Haemorhous [Carpodacus] mexicanus*), lesser goldfinch (*Spinus [Carduelis] psaltria*), white-crowned sparrow (*Zonotrichia leucophrys*), and house sparrow (*Passer domesticus*).

One mammal species, California ground squirrel (*Otospermophilus beecheyi*), was observed during the survey. Other common mammal species that may occur raccoon (*Procyon lotor*), Virginia opossum (*Didelphis virginiana*), striped skunk (*Mephitis mephitis*), and brown rat (*Rattus norvegicus*).

### **Special Status Vegetation Types**

The CDFW provides a list of vegetation Alliances, Associations, and Special Stands that are considered “Sensitive Natural Communities” based on their rarity and threat. The proposed Project study area does not contain any natural vegetation types. The immediately adjacent vegetation is dominated by non-native, ruderal species that would not be considered sensitive. The coastal sage scrub vegetation south of Newport Road is not considered sensitive by the CDFW.

### **Special Status Plant Species**

Plants may be considered “special status” due to declining populations, vulnerability to habitat change, or restricted distributions. Several special status plant species have been reported in the vicinity of the project based on the results of the literature review.

The following federally and/or State listed Endangered, Threatened, or Rare species were reported from the literature review: Munz’s onion (*Allium munzii*), thread-leaved brodiaea (*Brodiaea filifolia*), spreading navarretia (*Navarretia fossalis*), and California Orcutt grass (*Orcuttia californica*). These species are not expected to occur on the study area due to lack of suitable habitat. In addition, suitable habitat for these species is not present in the immediately adjacent areas.

In addition to species formally listed by the resource agencies, several special status species (species with a California Rare Plant Rank [CRPR] of 1 or 2) have been reported from the literature review. No species with a CRPR of 1 or 2 are expected to occur on the study area due to lack of suitable habitat. The area northeast of the Murrieta Road/La Piedra Road intersection does not provide suitable habitat due to the proximity to the existing residence and lack of native vegetation. If there is future expansion of the project footprint (e.g., the addition of staging areas outside the developed roadway), special status plant may be present in adjacent areas. The most likely species to occur is smooth tarplant (*Centromadia pungens* ssp. *laevis*), which was reported from Salt Creek and the undeveloped lot at the intersection of Murrieta Road and Lazy Creek Road.

One species with a CRPR of 4.2, paniculate tarplant (*Deinandra paniculata*), was observed in the ruderal vegetation and coastal sage scrub adjacent to the study area.

### **Special Status Wildlife Species**

Wildlife may be considered “special status” due to declining populations, vulnerability to habitat change, or restricted distributions. Several special status wildlife species have been reported in the vicinity of the study area based on the results of the literature review.

The following federally and/or State listed Endangered or Threatened species were reported from the literature review: San Bernardino kangaroo rat (*Dipodomys merriami parvus*), Stephens’ kangaroo rat (*Dipodomys stephensi*), quino checkerspot butterfly (*Euphydryas editha quino*), coastal California gnatcatcher (*Polioptila californica californica*), and Riverside fairy shrimp (*Streptocephalus woottoni*). These species are not expected to occur on the study area due to lack of suitable habitat. Marginally suitable habitat for Stephens’ kangaroo rat and coastal California gnatcatcher occur in the adjacent ruderal areas and coastal sage scrub vegetation. However, these areas are isolated from larger areas of intact habitat; therefore, the species are not expected to occur. Suitable habitat for the remaining listed species is not present in the immediately adjacent areas.

In addition to species formally listed by the resource agencies, several special status species (e.g., California Species of Special Concern [SSC]) have been reported near the study area. These species are not expected to occur on the study area due to lack of suitable habitat. If there is future expansion of the project footprint (e.g., the addition of staging areas outside the developed roadway), special status wildlife species may be present in adjacent areas. The most likely species to occur is burrowing owl (*Athene cunicularia*), which was reported from Salt Creek and the undeveloped lot at the intersection of Newport Road and Evans Road.

Critical Habitat is designated for the survival and recovery of species listed as Threatened or Endangered under the Federal Endangered Species Act. The study area is not located in areas designated or proposed as Critical Habitat.

**Impact Analysis**

Impact areas are focused on the existing developed roadways, an area west of Murrieta Road at the north end of the alignment, the area northeast of Murrieta Road/La Piedra Road intersection and concrete box culvert under Murrieta Road. These impacts would be considered less than significant because of the low biological value of these areas. The CDFW is increasingly recommending/requiring the use of pre-construction roosting bat surveys prior to impacts on mature vegetation to avoid and minimize impacts on these species. While bats may forage in the vicinity of the study area, the Project would not directly impact bat habitat or suitable roosting sites, and no mitigation would be required. As discussed above, the Project would not impact federal and/or State listed or non-listed special status plant species, nor directly impact federal and/or State listed or non-listed special status wildlife species. There would be no direct impacts.

During active construction, short-term noise generation has the potential to disrupt foraging, roosting, and/or denning activities for a variety of wildlife species. Construction noise could deter wildlife from using habitat adjacent to construction. However, given the ambient noise levels due to existing vehicular traffic, this impact would be considered less than significant, and no mitigation would be required.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Have a substantial adverse effect on State or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** One drainage feature, Salt Creek, occurs in the study area. Salt Creek flows into Canyon Lake. Water from Canyon Lake flows into the San Jacinto River, which ultimately discharges into Lake Elsinore. This drainage would likely be subject to the jurisdiction of the U.S. Army Corps of Engineers (USACE), the Regional Water Quality Control Board (RWQCB), and the CDFW.

The proposed Project impact on jurisdictional resources is dependent on the methods used to install the project pipeline across Salt Creek where it crosses under Murrieta Road. Impacts on waters under the regulatory authority of the USACE, the RWQCB, and/or the CDFW would require regulatory permitting and implementation of all permit conditions to mitigate this impact. The use

of a jack-and-bore method to install the pipeline under Salt Creek would avoid impacting the concrete culvert, and so avoid impacts on waters under the jurisdiction of the USACE, the RWQCB, and the CDFW. This method would not require permitting from the aforementioned regulatory agencies. The trenching alternative would involve an open cut through the culvert with temporary removal of soil and backfill after placement of the pipe. This would involve impacts to waters under the regulatory authority of the USACE, the RWQCB, and the CDFW and would require permitting from these agencies. With implementation of **MM BIO-1**, there would be a less than significant impact.

During construction, runoff carrying excessive silt, petroleum, or other chemical contaminants from construction equipment could potentially impact water quality in Salt Creek and, in turn, affect plant and wildlife species using adjacent habitat. This could potentially be a significant impact to water quality in Salt Creek. With implementation of **MM HYDRO-1**, as stated in Section X. Hydrology and Water Quality, there would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Less Than Significant with Mitigation.** The proposed Project would not impact regional or local wildlife movement because the Project is confined mostly to existing roadways. The areas not confined to existing roadways include ruderal/disturbed habitat outside waterways. Temporary construction activities are not expected to adversely affect wildlife beyond ambient conditions (i.e., regular vehicular traffic). There would be no impacts and no mitigation would be required.

Tree removal may impact nesting birds. Take of an active nest would be in violation of *California Fish and Game Code* sections providing protection of nesting birds.

**Wildlife Movement**

Open space in the Project region is currently constrained and/or fragmented as a result of urban development and the presence of physical obstacles (e.g., roads and highways). The remaining landscape features or travel routes that connect the larger open space areas would be considered “wildlife corridors” as long as they provide adequate space, cover, food, and water and do not contain obstacles or distractions (e.g., man-made noise, lighting) that would generally hinder wildlife movement.

The study area is in a rural landscape matrix with fragmented areas of relatively low-quality habitat (i.e., primarily ruderal vegetation). Regional wildlife movement is currently limited by existing development and roadways. Salt Creek provides a relatively constrained corridor for east-west movement but does not connect large areas of open space (i.e., the area around Canyon Lake at the western end of Salt Creek is entirely developed and I-215 and a golf course limit movement to the east). Local wildlife movement may occur between individual undeveloped lots and along Salt Creek. The proposed Project is not located in an area of regional or local wildlife movement



because the Project is confined to the existing roadways and impacts on the culvert at Salt Creek would be temporary.

**Nesting Birds and Raptors**

The Migratory Bird Treaty Act (MBTA) protects migratory birds and their nests and eggs, both common and special status, from accidental or “incidental” take.

Multiple sections of *California Fish and Game Code* provide protection for nesting birds and raptors. Section 3503 makes it unlawful to take, possess, or needlessly destroy the nest or eggs of any bird. Section 3503.5 specifically addresses raptors (i.e., birds of prey in the orders *Falconiformes* and *Strigiformes*) and makes it unlawful to take, possess, or destroy these birds or their nest or eggs. Section 3513 prohibits the take or possession of migratory non-game birds as designated by the MBTA or any part of such bird.

Migratory birds have the potential to nest in the European olive trees at the Murrieta Road/La Piedra Road intersection. Migratory birds and raptors (both common and special status) also have the potential to nest in powerlines, in shrubs and trees, and on bare ground adjacent to the study area. With implementation of **MM BIO-2**, impacts on nesting birds will be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant with Mitigation.** The City of Menifee Municipal Code (Chapter 9.86: Park Design, Landscaping and Tree Preservation) provides regulations and guidelines for the protection of existing trees. Trees would be removed at the Murrieta Road/La Piedra Road intersection; therefore, a tree removal permit would be required from the City (**MM BIO-3**).

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant with Mitigation.** The Project study area is located in the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) area. The EMWD is not a signatory on the MSHCP Implementation Agreement. Therefore, the Project does not require approval through the MSHCP process. The study area is not located in or adjacent to any lands proposed for conservation under the MSHCP (i.e., Criteria Areas); however, Salt Creek is

designated as Public/Quasi-Public Land. Section 6.1.4 of the MSHCP provides Urban/Wildlands Interface Guidelines to minimize adverse effects on existing and future MSHCP Conservation Areas (including Public/Quasi-Public Land). Specifically, the following guidelines associated with drainage and toxics apply directly to the proposed Project:

- “Proposed developments in proximity to the MSHCP Conservation Area shall incorporate measures, including measures required through the National Pollutant Discharge Elimination System (NPDES) requirements, to ensure that the quantity and quality of runoff discharged to the MSHCP Conservation Area is not altered in an adverse way when compared with existing conditions. In particular, measures shall be put in place to avoid discharge of untreated surface runoff from developed and paved areas into the MSHCP Conservation Area. Stormwater systems shall be designed to prevent the release of toxins, chemicals, petroleum products, exotic plant materials, or other elements that might degrade or harm biological resources or ecosystem processes within the MSHCP Conservation Area”.
- “Land uses proposed in proximity to the MSHCP Conservation Area that use chemicals or generate bioproducts such as manure that are potentially toxic or may adversely affect wildlife species, habitat or water quality shall incorporate measures to ensure that application of such chemicals does not result in discharge to the MSHCP Conservation Area. Measures such as those employed to address drainage issues shall be implemented”.

As detailed in Section X, Hydrology and Water Quality, Project construction has the potential through temporary earth-disturbance activities as well as waste construction materials and chemicals, liquid products, and petroleum products associated with the use of vehicles and equipment with the potential to leak pollutants onto the ground surface and, potentially, leach into the ground surface. The potential for release of these materials via runoff represents a potential conflict with the MSHCP for Public/Quasi-Public Lands, thus resulting in a potentially significant impact. With implementation of Best Management Practices (BMPs) described in **MM HYDRO-1**, as stated in Section X. Hydrology and Water Quality, impacts would be reduced to less than significant levels.

## MITIGATION MEASURES

Refer to **MM HYRDO-1** stated in Section X. Hydrology and Water Quality.

**MM BIO-1** Use of the open-cut-trenching method across Salt Creek requires acquisition of permits/ certifications/ agreements from the USACE (404 Permit), the RWQCB (401 Water Quality Certification), and CDFW (1602 Streambed Alteration Agreement) prior to construction activities.

A pre-application meeting with these agencies is recommended prior to submittal of permit applications to discuss existing conditions; confirm the agencies' jurisdiction over water resources on the study area; discuss impacts to these resources that would result from the Project; discuss proposed avoidance, minimization, and mitigation measures to offset these impacts; and to discuss the regulatory permitting process. Following the pre-application meeting, EMWD would prepare and process the appropriate permits (e.g., a Section 404 Permit from the USACE in the form of a Nationwide Permit, a Section 401 Water Quality Certification from the RWQCB, and/or a CDFW Section 1602 Notification of Lake or Streambed Alteration). Permit conditions may be required by the resource agencies regarding impacts to areas under their respective jurisdictions.

**MM BIO-2** In order to avoid impacts on nesting birds, vegetation removal should be scheduled between September 16 and February 14, which is outside the peak nesting season. If vegetation removal must occur during the peak nesting season (i.e., February 15 to September 15), a pre-construction nesting bird survey shall be conducted by a qualified Biologist within three days prior to vegetation removal activities.

If the Biologist finds an active nest within or adjacent to the construction area, the Biologist shall identify an appropriate protective buffer zone around the nest depending on the sensitivity of the species, the nature of the construction activity, and the amount of existing disturbance in the vicinity. In general, the Biologist shall designate a buffer of 50 to 200 feet for common nesting birds and 200 to 500 feet for special status nesting birds and nesting raptors. No construction activities shall be allowed within the buffer until nesting activity has ended to ensure compliance with *California Fish and Game Code*.

**MM BIO-3** Prior to initiation of construction activities requiring removal of trees, EMWD shall coordinate with the City of Menifee to obtain a tree removal permit.

## **V. CULTURAL RESOURCES**

This section is based on the *Cultural Resource Study for the Eastern Municipal Water District Murrieta Road Transmission Pipeline Project* (Cultural Resource Study), prepared by Psomas for the Project (Psomas 2019b; Appendix C).

### **Methodology**

A cultural resources literature review and records search was conducted by Psomas on August 13, 2019, at the Eastern Information Center (EIC) at University of California, Riverside. The EIC is a designated branch of the California Historical Resources Information System (CHRIS) and houses records regarding archaeological and historic resources recorded in Riverside County. The 2019 review consisted of an examination of the USGS' 7.5-minute Romoland Quadrangle to determine if any cultural resources (e.g. archaeological sites, built environment resources) are recorded or if any cultural resources studies have been conducted on the Project site or within a 1-mile radius of the Project site. Data sources consulted at the EIC include archaeological records, Archaeological Determinations of Eligibility (DOE), historic maps, and the Historic Property Data File (HPDF) maintained by the Office of Historic Preservation (OHP). The HPDF contains listings for the California Register of Historical Resources (CRHR) and/or the National Register of Historic Places (NRHP), California Historical Landmarks (CHL), and California Points of Historical Interest (CPHI).

Psomas submitted a request to the Native American Heritage Commission (NAHC) on August 13, 2019, to review the Sacred Lands File database regarding the possibility of Native American cultural resources and/or sacred places in the Project vicinity that are not documented on other databases. The NAHC completed its Sacred Lands File search on September 13, 2019. The results were positive.

Psomas surveyed the routes of the Preferred Pipeline Alignment and Alternative Pipeline Alignment on August 20, 2019. Each route was surveyed by walking transects evenly spaced no more than 10 meters (32 feet) apart on either side of the route. The archaeologists examined all

areas considered highly sensitive for cultural resources and the ground surface for the presence of the following:

- Prehistoric artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools)
- Historic artifacts (e.g., metal, glass, ceramics)
- Sediment discoloration that might indicate the presence of a cultural midden
- Depressions and other features indicative of the former presence of structures or buildings (e.g., milling features, foundations).

The archaeologists maintained transect accuracy using a global positioning system (GPS) receiver and Project maps. A field notebook and a digital camera were used to record the survey conditions and findings. The field survey was conducted to identify any new cultural resources and to re-locate previously recorded cultural resources for planning purposes. No new cultural resources were identified within the Project site.

Furthermore, EMWD is in the process of purchasing an easement of land (APN-360-680-026) located along the eastside Murrieta Road near the intersection of Murrieta Road and La Piedra Road. However, several large rock outcrops are currently on the property. Considering the archaeological and cultural sensitivity of the area, a site visit was warranted to confirm the presence or absence of archaeological features. On September 25, 2019, Psomas surveyed the subject property and confirmed the absence of archaeological features. On October 4, 2019, Psomas revisited the property with Joseph Broadhead from EMWD and Frank Morreo from the Soboba Band of Luiseño Indians. The purpose of the October 4th site visit was to share the findings with the tribe and confirm no archaeological features, specifically milling were present at APN-360-680-026. All parties agreed that no archaeological features were present on the property.

	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 Section 15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.**

**Previously Recorded Cultural Resources**

The EIC literature review and records search conducted for the Project site revealed that 84 cultural resource studies have been conducted within 1 mile of the Project site; of these, 11 of the studies included the Project site. The studies consisted primarily of block archaeological surveys and linear surveys. The remaining 73 studies were located south, southeast, southwest, north, northeast, and northwest of the Project site.

A total of 95 cultural resources were identified within the 1-mile search radius of the Project site. Of these, 9 are located alongside the proposed pipeline alignments. These resources are summarized in **Table 4-6**, and include five prehistoric archaeological sites, two prehistoric isolates, one historic-era site, and one historic isolate. Additionally, eight of the nine cultural resources are located near the corner of Murrieta Road and Newport Road.

**TABLE 4-6  
KNOWN CULTURAL RESOURCES ALONG THE PIPELINE ALIGNMENTS**

Primary No.	Trinomial	Recorder (Year)	Resource Description
P-33-003308	CA-RIV-3308	V.C. de Munck (1987); C. Cotterman and R. Cunningham (2012)	Prehistoric: milling feature; lithic scatter
P-33-003806	CA-RIV-3806	B.S. Arkush (1990)	Prehistoric: milling feature
P-33-004223	CA-RIV-4223	K.D. Chario (1987)	Prehistoric: milling feature; lithic scatter
P-33-007703	-	W. Hedges (1982)	Historic: Menifee School Site
P-33-008853	CA-RIV-6283	N. Johnson (1999)	Prehistoric: milling feature; rock shelter
P-33-011540	CA-RIV-6809	J. Buysse and B.F. Smith (2002)	Prehistoric: milling feature; lithic scatter
P-33-013365	-	J. Brock (2004)	Prehistoric: isolated lithic artifact
P-33-015727	-	J. Minor (2006)	Historic: isolated glass fragment
P-33-015728	-	J. Minor (2006)	Prehistoric: isolated lithic artifact
Source: Psomas 2019b			

**P-33-003308 (CA-RIV-3308)**

This resource is described as a food processing site. The site was originally recorded in 1987 and updated in 2012. The surface of the site contained milling slicks and lithic scatters. The surface lithic scatter was not located in 2012.

Psomas conducted a field survey on August 20, 2019. No artifacts were observed on the surface of the site, but land visibility was hindered by vegetation. However, Primary record P-33-003308 has been updated to include a prehistoric milling feature that was once originally part of the granitic outcrop located along the southern perimeter of the site. The center of the site has been disked for fire and vegetation control. The milling features were moved near the center of this disked area, probably when the residential community adjacent to the southern perimeter was developed. No other cultural resources were observed at the location of the site during the 2019 survey.

**P-33-003806 (CA-RIV-3806)**

This resource was originally recorded in 1990. In 1990, a single milling slick measuring 25 centimeters (cm) by 30 cm was observed situated on the southwest portion of a bedrock outcrop measuring 3 meters (m) by 9 m in size. The slick was located off a dirt road accessed from the corner of Murrieta and Newport roads. This roadway and the resource are no longer present; the road and milling feature were both destroyed during the development of the Stater Brothers grocery store and the associated shopping center. Psomas conducted a pedestrian survey on August 20, 2019; no resources were observed at the location of the site.

**P-33-004223 (CA-RIV-4223)**

This site was recorded in 1987. The site was described as a group of bedrock milling features with associated artifacts in a granite boulder outcrop. Eleven flakes of basalt, quartz and quartzite,

one basalt core tool, an isolated quartzite biface knife fragment, five bedrock mortars, and five bedrock milling slicks were observed on the site. At the time of the 1987 survey, the property was plowed and partially disked.

Psomas conducted a pedestrian survey on August 20, 2019. The site has been heavily disturbed and filled with recent back dirt containing building debris and modern refuse. The site has been cleared of the boulder outcrop. Psomas was unable to locate the lithic artifacts observed during the 1987 survey. No other resources were observed on the surface of the site. The site, as recorded in 1987, has been destroyed or removed.

**P-33-007703**

Site P-33-007703 is the historic location of the original Menifee School. The site was originally recorded in 1982 as a historic resource associated with the education and social gatherings of the original pioneer families.

The original structure was built in 1890 as an L-shaped, wood-framed structure with gable and hipped roofs with composite shingles. The original school was known as “Antelope School” within the San Diego School District. The location of the original school is located within the southwest corner of Newport and Bradley roads. This intersection was also the location of the first post office (circa 1887), a general store (circa 1887), and a blacksmith storefront (circa 1890). The Antelope School was built in 1890 to serve the farming community that populated the area. Family members of the original pioneers – William Newport, Leonard Kirkpatrick, and Zeiders families – attended the original schoolhouse.

The school was used as an elementary school, a high school, and a civic meeting hall until the Menifee Unified School District was formed in 1952 and built a new elementary school. The vacant building was destroyed in 1971 by a fire. The parcel of land is now vacant. An ARCO gas station was built on the northern half of the lot. The site is partitioned off from the ARCO parking lot by bales of hay. The Menifee Historical Society erected a placard on the sidewalk facing Bradley Road memorializing the location as a local historic landmark.

No historic-era artifacts were identified on site, but the surface visibility was hindered by vegetation overgrowth. Modern refuse is scattered throughout the lot. Psomas surveyed and updated the Universal Transverse Mercator coordinates from the original site record and set the coordinates to the Historic Landmark placard. No additional features or artifacts were identified during the 2019 study.

**P-33-008853 (CA-RIV-6283)**

This resource was originally recorded in 1999. The resource was described as a prehistoric site consisting of a low-lying boulder with one slick on it. The resource was located 80 meters east of Murrieta Road and 430 meters south of Newport Road. The site was surveyed on August 20, 2019 by Psomas. The slick is still present and is surrounded by outcrops to the north and east. The outcrop closest to Murrieta Road has a rock shelter, but the surveyors did not investigate the area due to a modern inhabitant. The locational data of the site has been updated to demarcate the entrance to the site, which includes the surrounding outcrops and rock shelter.

**P-33-011540 (CA-RIV-6869)**

This site was originally recorded in 2002. The site was recorded as a prehistoric milling site consisting of three lithic artifacts and three bedrock milling features. The site is a small prehistoric site located among boulders on the lower southern slope of a series of hills just over one mile

south-southwest of Sun City. The three bedrock milling features contained a total of four slicks. One mano (ground stone artifact) was collected from the surface of the site, and two pieces of debitage (stone tool debris) were recovered from shovel testing in 2002.

Psomas conducted a pedestrian survey of the site on August 20, 2019. Despite the heavy development surrounding this site, the milling features are still present and protected behind a picket fence. The open space between the features appears to be designated for a structure based on the stakes and paint lines on the dirt. The remainder of the outcrop mentioned in the 2002 study has either been relocated or destroyed. No other surface artifacts or features were observed.

**P-33-013365**

This resource was originally recorded in 2004 as a prehistoric lithic isolate consisting of a 4.8 cm by 3.0 cm by 0.8 cm basalt flake, possibly utilized. In 2004, the surrounding area was disturbed. The isolate was observed near a graded area next to a manhole.

Psomas conducted a pedestrian survey of the area on August 20, 2019. The location where the lithic isolate was observed in 2004 has been completely developed into a shopping center containing a Verizon Wireless store, an International House of Pancakes restaurant, and several other small service businesses situated next to a gas station. The area is now composed of built structures and hardscapes. Psomas did not observe any resources during the 2019 field survey.

**P-33-015727**

This resource was recorded on January 16, 2006. The resource consists of a historic era isolate. A body shard of a historical-period lamp globe was observed on the southwest corner of Newport Road and Murrieta Road in the upper/northwestern area of Menifee Valley, south of the City of Perris. The shard was in a flat area to the north of a hill covered with granitic boulder outcrops. The artifact was located about 125 meters west of Murrieta Road.

The glass shard was described as a curving and thin, sun-colored amethyst (SCA) lamp-globe body shard measuring 4.5 inches by 4.5 inches by 0.25 inch and was probably from an oil lamp. SCA glass is generally assigned a date of between about 1880 and 1920. During this time period, clear glass in the USA was clarified with manganese imported from Germany; after outbreak of World War I, the supplies of German manganese were halted. Glass clarified with manganese turns an amethyst color when exposed to the ultraviolet rays of the sun. Psomas tried to locate the resource during a pedestrian survey conducted on August 20, 2019. The resource was not located. No other historic era resources were observed during the survey.

None of the nine of cultural resources sites are listed in the NRHP, CRHR, California Points of Historical Interest lists. Additionally, no resources are included in a Local Register of Historical Resources, on a map of Historical Resources, or on a map of Historic Districts. All nine cultural resources have been impacted from recent development and have lost their historical integrity. Also, the 2019 pedestrian field survey failed to identify new cultural resources. Therefore, based on the review of archival material and the results of the field survey, it does not appear that the proposed Project would result in a significant adverse impact to any identified or eligible resources pursuant to Section 15064.5 of the State CEQA Guidelines. However, as indicated from the cultural resource records searches, numerous archaeological localities have been identified in the area. Excavation in native (i.e., previously undisturbed) soils to a depth of 8 to 10 feet would have the potential to encounter unknown resources, which would be considered a potentially significant impact. Implementation of **MMs CULT-1 and CULT-6**, which address monitoring and treatment of cultural resources, development of a cultural resources monitoring plan, tribal monitoring

agreements, evaluation of discovered artifacts, disposition of inadvertent discoveries, and non-disclosure of reburial locations, would reduce potential impacts to a less than significant level.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant with Mitigation.** There are no known formal cemeteries on the Project site. However, this does not preclude the possibility that individual burial sites may be discovered during grading activities. Implementation of **MM CULT-7**, which requires compliance with Section 7050.5 of the *California Health and Safety Code* and Section 5097.98 of the *California Public Resources Code*, would reduce potential impacts to less than significant levels.

## MITIGATION MEASURES

**MM CULT-1** Cultural Resources Treatment and Monitoring Agreement. At least 30 days prior to the start of any ground-disturbing activities, EMWD shall contact the Consulting Tribe(s) to develop Cultural Resource Treatment Monitoring Agreement(s) ("Agreement"). The Agreement(s) shall address the treatment of archaeological resources inadvertently discovered on the project site; project grading; ground disturbance and development scheduling; the designation, responsibilities, and participation of tribal monitor(s) during grading, excavation, and ground disturbing activities; and compensation for the tribal monitors, including overtime, weekend rates, and mileage reimbursements.

**MM CULT-2** Develop a Cultural Resources Monitoring Plan. Prior to any grading activities, a Cultural Resources Monitoring Plan shall be prepared by a qualified archaeologist in consultation with the Consulting Tribe(s). The plan shall also identify the location and timing of cultural resources monitoring. The plan shall contain an allowance that the qualified archaeologist, based on observations of subsurface soil stratigraphy or other factors during initial grading, and in consultation with the Native American monitor and the lead agency, may reduce or discontinue monitoring as warranted if the archaeologist determines that the possibility of encountering archaeological deposits is low. The plan shall outline the appropriate measures to be followed in the event of unanticipated discovery of cultural resources during project implementation (including during the survey to occur following vegetation removal and monitoring during ground-disturbing activities). The plan shall identify avoidance as the preferred manner of mitigating impacts to cultural resources. The plan shall establish the criteria utilized to evaluate the historic significance (per CEQA) of the discoveries, methods of avoidance consistent with *CEQA Guidelines* Section 15126.4(b)(3), as well as identify the appropriate data recovery methods and procedures to mitigate the effect of the project if avoidance of significant historical or unique archaeological resources is determined to be infeasible. The plan shall also include reporting of monitoring results within a timely manner, disposition of artifacts, curation of data, and dissemination of reports to local and state repositories, libraries, and interested professionals. A qualified archaeologist and Consulting Tribe(s) tribal monitor shall



attend a pre-grade meeting with EMWD staff, the contractor, and appropriate subcontractors to discuss the monitoring program, including protocols to be followed in the event that cultural material is encountered.

**MM CULT-3** Tribal Monitoring Agreements. A qualified archaeological monitor and a Consulting Tribe(s) monitor shall be present for ground-disturbing activities associated with the Project, and both the project archaeologist and Tribal Monitor(s) will make a determination as to the areas with a potential for encountering cultural material. At least seven business days prior to project grading, EMWD shall contact the tribal monitors to notify the Tribe of grading/excavation and the monitoring program/schedule, and to coordinate with the Tribe on the monitoring work schedule. Both the archaeologist and the tribal monitor shall have the authority to stop and redirect grading activities in order to evaluate the nature and significance of any archaeological resources discovered within the project limits. Such evaluation shall include culturally appropriate temporary and permanent treatment pursuant to the Cultural Resources Treatment and Monitoring Agreement, which may include avoidance of cultural resources, in-place preservation, data recovery, and/or reburial so the resources are not subject to further disturbance in perpetuity. Any reburial shall occur at a location predetermined between EMWD and the Consulting Tribe(s), details of which shall be addressed in the Cultural Resources Treatment and Monitoring Agreement in MM CR-1. Treatment may also include curation of the cultural resources at a tribal curation facility, as determined in discussion among EMWD, the project archaeologist, and the tribal representatives and addressed in the Cultural Resources Treatment and Monitoring Agreement referenced in MM CR-1.

**MM CULT-4** Evaluation of Discovered Artifacts. All artifacts discovered at the development site shall be inventoried and analyzed by the project archaeologist and tribal monitor(s). A monitoring report will be prepared, detailing the methods and results of the monitoring program, as well as the disposition of any cultural material encountered. If no cultural material is encountered, a brief letter report will be sufficient to document monitoring activities.

**MM CULT-5** Disposition of Inadvertent Discoveries. In the event that Native American cultural resources are recovered during the course of grading (inadvertent discoveries), the following procedures shall be carried out for final disposition of the discoveries with the tribe. EMWD shall relinquish ownership of all cultural resources, including sacred items, burial goods, and all archaeological artifacts and non-human remains as part of the required mitigation for impacts to cultural resources, and adhere to the following:

- 1) Preservation-in-place is the preferred option; preservation-in-place means avoiding the resources and leaving them in the place where they were found with no development affecting the integrity of the resource.
- 2) If preservation-in-place is not feasible, on-site reburial of the discovered items as detailed in the Monitoring Plan required pursuant to MM CR-2 is the next preferable treatment measure. This shall include measures and provisions to protect the future reburial area from any future impacts in perpetuity. Reburial shall not occur until all legally required cataloging and basic recordation have been completed. No recordation of sacred items is permitted without the written consent of all Consulting Native American Tribal Governments.

- 3) In the event that on-site reburial is not feasible, EMWD will enter into a curation agreement with an appropriate qualified repository within Riverside County that meets federal standards per 36 Code of Federal Regulations 800 Part 79 and therefore would be curated and made available to other archaeologists/researchers for further study. The collections and associated records shall be transferred, including title, to an appropriate curation facility within Riverside County, to be accompanied by payment of the fees necessary for permanent curation.

**MM CULT-6** Non-Disclosure of Reburial Locations. It is understood by all parties that unless otherwise required by law, the site of any reburial of culturally sensitive resources shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, pursuant to the specific exemption set forth in California Government Code 6254(r), parties, and Lead Agencies will be asked to withhold public disclosure information related to such reburial.

**MM CULT-7** Human Remains. If Native American human remains are encountered, Public Resources Code Section 5097.98 and California Health and Safety Code Section 7050.5 will be followed. If human remains are encountered no further disturbance shall occur until the Riverside County Coroner has made the necessary findings as to origin. Further, pursuant to California Public Resources Code Section 5097.98(b), remains shall be left in place and free from disturbance until a final decision as to the treatment and disposition has been made. If the Riverside County Coroner determines the remains to be Native American, the coroner shall contact the NAHC within 24 hours. Subsequently, the NAHC shall identify the person or persons it believes to be the "most likely descendant." The most likely descendant shall then make recommendations and engage in consultations concerning the treatment of the remains as provided in Public Resources Code Section 5097.98.

**VI. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.**

**Construction**

Project construction would require the use of construction equipment for asphalt removal, excavation, backfilling, and re-paving activities; all off-road construction equipment is assumed to use diesel fuel. Construction also includes the vehicles of construction workers and vendors traveling to and from the Project site. Off-road construction equipment use was calculated from the equipment data (i.e., mix, hours per day, horsepower, load factor, days per phase) provided in the CalEEMod construction output files included in Appendix D of this IS/MND. The total horsepower hours for the Project was then multiplied by fuel usage estimates per hours of construction activities included in the OFFROAD Model. Energy data can be found in Appendix D of this IS/MND.

Fuel consumption from construction worker, vendor, and delivery/haul trucks was calculated using the trip rates and distances provided in the CalEEMod construction output files. Total vehicle miles traveled (VMT) was then calculated for each type of construction-related trip and divided by the corresponding miles per gallon factor using CARB's Emissions FACTor 2014 (EMFAC 2014) model. EMFAC provides the total annual VMT and fuel consumed for each vehicle type. Construction vendor trucks were assumed to be primarily gasoline-fueled trucks, and delivery/haul trucks were primarily assumed to be heavy-duty diesel trucks. As shown in **Table 4-7**, for the Preferred Pipeline Alignment, a total of 3,258 gallons of gasoline and 13,438 gallons of diesel fuel is estimated to be consumed during construction. For the Alternative Pipeline Alignment, a total of 5,422 gallons of gasoline and 22,571 gallons of diesel fuel is estimated to be consumed during construction.

**TABLE 4-7  
ENERGY USE DURING CONSTRUCTION**

Source	Gasoline Fuel (gallons)	Diesel Fuel (gallons)
<b>Preferred Pipeline Alignment</b>		
Off-road Construction Equipment	0	11,618
Worker commute trips	2,966	4
Vendor trips	271	3
On-road haul trips	20	1,814
<b>Total</b>	<b>3,258</b>	<b>13,438</b>
<b>Alternative Pipeline Alignment</b>		
Off-road Construction Equipment	0	19,532
Worker commute trips	4,925	6
Vendor trips	463	5
On-road haul trips	34	3,027
<b>Total</b>	<b>5,422</b>	<b>22,571</b>
See Appendix D for Energy data. Data based on data from CalEEMod, OFFROAD, and EMFAC2014.		

Fuel energy consumed during construction would be temporary in nature and would not occur after completion of construction activities. It would also not represent a significant demand on energy resources. Furthermore, there are no unusual Project characteristics that would necessitate the use of construction equipment that would be less energy-efficient than at comparable construction sites in other parts of the State. Therefore, the proposed construction activities would not result in inefficient, wasteful, or unnecessary fuel consumption.

**Operation**

The proposed Project is designed to develop water infrastructure to assist EMWD in meeting future demands from projected growth in the region. The proposed Project would provide a water conveyance pipeline from the Perris II Desalinization Complex to an existing pipeline in La Piedra Road. No pumping stations or other means of actively conveying water are proposed for the proposed Project and, as such, no electricity or natural gas demand would be generated by the Project. Additionally, the proposed pipeline Project would not result in daily vehicle trips. Consequently, no energy use related to transportation fuels would be required. Therefore, energy use associated with the proposed Project would not result in an inefficient, wasteful, or unnecessary consumption of energy. A less than significant energy impact would result from implementation of the proposed Project.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Conflict with or obstruct a State or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed above, the proposed Project would only use energy during the construction phase of the Preferred Pipeline Alignment or Alternative Pipeline Alignment. The

proposed Project would develop a water conveyance pipeline to increase the capacity for the conveyance of potable water from the Perris II Desalination facility. Because the operation of the proposed Project does not result in energy consumption, the proposed Project would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency.

**MITIGATION MEASURES**

There would be no significant impacts and no mitigation is required.

**VII. GEOLOGY AND SOILS**

Information in this section is derived from the *Desktop Geotechnical/Geology Review Murrieta Road Transmission Pipeline Improvements, Phase I Menifee, California* (Geotechnical Review) prepared by Leighton Consulting, Inc. (Leighton 2019), the *City of Menifee General Plan*, Menifee General Plan EIR, Cultural Resource Study prepared by Psomas for the Project (Psomas 2019b; Appendix C), and publicly available data such as from the California Geological Survey.

	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.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** There are two faults with approximate locations mapped within the City of Menifee: one in Sun City in the central part of the City, and the second in Quail Valley near the western City boundary. These faults are confined to bedrock; they do not affect sediments of Holocene or late Pleistocene age (about the last 15,000 years) and thus are not considered active faults (Menifee 2013). According to the Geotechnical Review, the Project site is not located within a County or State-designated fault hazard zone and the nearest known active fault zones that are capable of seismic ground shaking are the Elsinore Fault Zones, located approximately 5.5 miles southwest of the Project site (Leighton 2019). There are no active or potentially active faults within the City of Menifee; therefore, there are no Alquist-Priolo Earthquake Fault Zones within the City. There would be no impact.

	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:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?				

**Less than Significant Impact.** As discussed above, there are no active or potentially active faults within the City of Menifee. However, the Project site, as with the entire Southern California region, is subject to secondary effects from earthquakes, including ground shaking due to future earthquakes on regionally active faults. Strong ground shaking may occur in the City due to earthquakes on several active faults in the region, including the San Andreas Fault, San Jacinto Fault Zone, and Elsinore Fault Zone.

While the Project site and proposed facilities could potentially be subject to moderate or severe ground shaking effects from earthquakes, they would be designed and constructed in conformance with applicable seismic safety requirements of the 2016 CBC. Impacts would be less than significant.

	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:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?				

**Less than Significant Impact.** Liquefaction can occur when saturated, cohesionless soils lose their strength due to the buildup of excess pore water pressure during cycling loading, such as that induced by earthquakes, causing it to behave as a liquid. The types of soils that are most susceptible to liquefaction are loose, saturated, fine-to-medium grained, cohesionless solids. Surface and subsurface manifestations from liquefaction can include loss of support for structures, excessive (i.e., dynamic) settlement, the occurrence of sand boils (i.e., sand and water ejected at the surface), ground lurching (i.e., movement of low density soil materials on a bluff, steep slope, or embankment), and other effects such as lateral spreading (i.e., horizontal displacement on sloped surfaces as a result of underlying liquefaction).

According to the Menifee General Plan EIR, the Salt Creek Channel is the sole area in the City identified as susceptible to liquefaction (Menifee 2013). Therefore, the segment of the Project, in both the Preferred Pipeline Alignment and Alternative Pipeline Alignment that crosses Salt Creek would be potentially subject to liquefaction and related effects in the event of an earthquake. However, the effects of liquefaction are readily managed through soil engineering techniques

consistent with the CBC. As such, there would be less than significant impacts related to secondary seismic hazards, including liquefaction.

	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: iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The occurrence of landslides and other types of slope failures (e.g., rock falls and mudflows) is influenced by several factors, including slope grade, geologic and soil characteristics, moisture levels, and vegetation cover. Landslides can be triggered by a variety of potentially destabilizing conditions or events, such as gravity, fires, precipitation, grading, and seismic activity. The Menifee General Plan EIR indicates there are several isolated areas susceptible to earthquake-induced landslides, generally coinciding with high points of the low hills that are interspersed throughout the City (Menifee 2013). However, the Project site and surrounding areas are relatively flat and the proposed Project would not create any new slopes or unstable land surfaces that would be subject to landslides. Once construction is complete the pipeline and related infrastructure would be located underground and the ground surface would be returned to existing conditions. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** The largest source of erosion and topsoil loss is uncontrolled drainage during construction. As discussed in more detail in Section XI, Hydrology and Water Quality, the NPDES permit program controls water pollution by regulating point sources that discharge pollutants into “waters of the U.S.”. Construction activities shall be conducted in compliance with the statewide NPDES General Permit for Storm Water Discharges Associated with the Construction and Land Disturbance Activities (Order No 2012-0006-DWQ, NPDES No. CAS000002), adopted by the State Water Resources Control Board (SWRCB) on July 17, 2012. In compliance with the NPDES permit (**MM HYDRO-1** in Section XI), erosion potential during construction of the proposed Project would be managed with BMPs implemented on the Project site as part of a Storm Water Pollution Prevention Plan (SWPPP) during construction activities in accordance with NPDES requirements. Implementation of the BMPs would reduce construction-related erosion impacts to a less than significant level.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** Liquefaction and landslides are discussed above under Thresholds VII(a.iii) and VII(a.iv), respectively. Other soil engineering and/or geotechnical constraints identified in for the Project site include compressible soils, collapsible soils, and expansive soils.

Compressible soils are most likely to occur in the modern and prehistoric floodplains of the major drainages, such as the San Jacinto River and Warm Springs Creek outside the City, and Salt Creek and Paloma Valley within the City boundary. Compressible soils are also commonly found in hillside areas, typically in canyon bottoms, swales, and at the base of natural slopes. The upper few feet of older alluvium, which are commonly weathered and/or disturbed, are also typically compressible (Menifee 2013). Additionally, soils in parts of the City may be expansive, including the valley and canyon areas and weathered old alluvial fan deposits; however, the Geotechnical Review did not identify expansive or compressible soils as a concern for the Project site (Menifee 2013).

According to the General Plan, sediments in the City may be locally susceptible to soil collapse due to their low density, granular nature, rapid deposition in the alluvial fan environment, and the generally dry condition of the near-surface soils (Menifee 2013). According to the Geotechnical Review, alluvial soils and artificial fill have been identified along the Preferred Pipeline Alignment and Alternative Pipeline Alignment, which may be subject to instability during excavation activities (Leighton 2019). Further, although groundwater is not expected to be encountered along the Preferred Pipeline Alignment and Alternative Pipeline Alignment, shallow groundwater may exist in Salt Creek Channel in the alluvial valley deposits, contributing to soil instability (Leighton 2019).

The Project would adhere to all applicable standards and regulations during construction, including the California Department of Industrial Relations Construction Safety Orders, Subchapter 4, Section 1541.1, requiring all unshored temporary cut slopes be designed to be no steeper than 1.5:1 (horizontal:vertical), for a height no-greater-than 20 feet. Adherence to this regulation would ensure that potential impacts related to unstable soils would be less than significant provided that open cut excavation is implemented. However, because the Project may involve closed excavation via trenchless technology, implementation of the recommendation set forth in the Geotechnical Review and detailed in **MMs GEO-1** and **GEO-2** would reduce impacts related to unstable or expansive soils to less than significant levels.



	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The proposed Project would not involve the use of septic tanks or alternative wastewater disposal systems. There would be no impact and no mitigation is required.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** A paleontological records search was requested of the Western Science Center, and results were received on September 3, 2019. The results indicate that no vertebrate fossil localities are directly within the boundaries of the Project site. An additional search of the database of Late Pleistocene vertebrate localities for California, which includes institutional records and published references, indicates that no previously recorded fossil localities have been recorded within one mile of the Project site. Finally, as discussed in Section V, Cultural Resources, above, a pedestrian survey was performed along the proposed Preferred Pipeline Alignment and Alternative Pipeline Alignment. No new resources, including paleontological resources, were identified within the Project site during the field survey. Therefore, based on the review of the paleontological records search and results of the field survey, it does not appear that the proposed Project would result in a significant adverse impact to any significant paleontological resources.

However, hundreds of localities have been documented as part of the Diamond Valley Lake Project, approximately five to seven miles to the east of the site. This is one of the largest Late Pleistocene faunal assemblages in the southwest, with over 100,000 fossil specimens from 105 plant and animal taxa. Surface sediments at and surrounding the Project site consist of Pleistocene to Holocene alluvial deposits. Deep excavation that involves disturbance of native soils could result in the disturbance and/or destruction of paleontological resources that may be present in deeper Pleistocene alluvial deposits that underlie the Project site, which would be considered a potentially significant impact. As recommended by the Western Science Center, any substantial excavations (i.e., in native soils) should be monitored closely to recover any fossil remains, and fossils recovered from such activities should be placed in an accredited scientific institution for the benefit of current and future generations. Accordingly, **MM GEO-3** requires the construction personnel to receive training by a qualified paleontologist regarding potential resources that may be encountered and the procedure to follow in the event of a discovery, and requires a qualified paleontologist to be retained if any resources are encountered to perform

evaluation and reporting, as appropriate. Implementation of **MM GEO-3** would reduce potential impacts to a less than significant level.

## MITIGATION MEASURES

Refer to **MM HYDRO-1** as stated in Section X, Hydrology and Water Quality.

**MM GEO-1** Prior to approval of final plans and specifications for the Project and if open cut excavation is not feasible, the contractor shall provide evidence that excavations for the proposed pipelines are supported by a temporary shoring system such as cross-braced hydraulic shoring, conventional shields, sheet piles, soldier piles and wood lagging.

**MM GEO-2** Prior to initiation of excavation activities and if groundwater is encountered at depths of 20 feet or less in the areas of trenching and pipeline construction, the contractor shall implement dewatering activities or other suitable method for stabilizing excavation bottom to the satisfaction of the geotechnical engineer.

**MM GEO-3** Prior to site preparation or grading activities, construction personnel shall be instructed by a professional Paleontologist of the potential for encountering unique paleontological resources and instructed on steps to take in the event such resources are encountered. This shall include the provision of written materials to familiarize personnel with the range of resources that might be expected, the type of activities that may result in impacts, and the legal framework of paleontological resources protection. All construction personnel shall be instructed to stop work in the vicinity of a potential discovery until a professional Paleontologist, as appropriate, assesses the significance of the find and implements appropriate measures to protect or scientifically remove the find. Construction personnel shall also be informed that unauthorized collection of paleontological resources is prohibited.

In the event that any paleontological resources (e.g., plant or animal fossils) are encountered before or during grading, EMWD shall retain a qualified Paleontologist to evaluate unanticipated discoveries and to take appropriate measures to protect or preserve them for study. The Paleontologist shall submit a report of findings that will also provide specific recommendations regarding further mitigation measures (i.e., paleontological monitoring) that may be appropriate. Where mitigation monitoring is appropriate, the program must include, but may not be limited to, the following measures:

- Assign a Paleontological Monitor, trained and equipped to allow the rapid removal of fossils with minimal construction delay, to the site full time during earth-disturbing activities.
- Divert earth-disturbing activities away from the immediate area of the discovery until the Paleontological Monitor has completed salvage. If construction personnel make the discovery, the Grading Contractor shall immediately divert construction and notify the Paleontological Monitor of the find.
- Prepare, identify, and curate all recovered fossils for documentation in the summary report and transfer to an appropriate depository (e.g., Western Science Center of Riverside County).

- Prepare and submit a technical report describing the identification, salvage, evaluation, and treatment of all fossils discovered during grading to EMWD. Transfer collected specimens with a copy of the report to the depository.

**VIII. GREENHOUSE GASES**

	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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

GHGs, as defined under California’s Assembly Bill (AB) 32, include carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF<sub>6</sub>). General discussions on climate change often include water vapor, O<sub>3</sub>, and aerosols in the GHG category. Water vapor and atmospheric O<sub>3</sub> are not gases that are formed directly in the construction or operation of development projects, nor can they be controlled in these projects. Aerosols are not gases. While these elements have a role in climate change, they are not considered by regulatory bodies, such as CARB, or climate change groups, such as The Climate Registry, as gases to be reported or analyzed for control. Therefore, no further discussion of water vapor, O<sub>3</sub>, or aerosols is provided herein.

GHGs vary widely in the power of their climatic effects; therefore, climate scientists have established a unit called global warming potential (GWP). The GWP of a gas is a measure of both its potency and lifespan in the atmosphere as compared to CO<sub>2</sub>. For example, since CH<sub>4</sub> and N<sub>2</sub>O are approximately 21 and 310 times more powerful than CO<sub>2</sub>, respectively, in their ability to trap heat in the atmosphere, they have GWPs of 21 and 310, respectively (CO<sub>2</sub> has a GWP of 1). Carbon dioxide equivalent (CO<sub>2</sub>e) is a quantity that enables all GHG emissions to be considered as a group despite their varying GWP. The GWP of each GHG is multiplied by the emission rate of that gas to produce the CO<sub>2</sub>e emissions.

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

GHG emissions to the year 2000 level by 2010, to year 1990 levels by 2020, and to 80 percent below 1990 levels by 2050.

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

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

In order to avert these consequences, AB 32 establishes a State goal of reducing GHG emissions to 1990 levels by the year 2020, which is a reduction of approximately 16 percent from forecasted emission levels, with further reductions to follow (CARB 2011). To help achieve this reduction, on November 17, 2008, Governor Arnold Schwarzenegger signed Executive Order S-14-08, raising California's renewable energy goals to 33 percent by 2020.

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

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

Neither the City of Menifee nor Riverside County have formally adopted a quantitative GHG emissions significance criterion to date. Beginning in April 2008, the South Coast AQMD convened a Working Group to provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents. On December 5, 2008, the South Coast AQMD Governing Board adopted its staff proposal for an interim CEQA GHG significance threshold of 10,000 metric tons of CO<sub>2</sub> equivalent per year (MTCO<sub>2</sub>e/yr) for projects where the South Coast AQMD is the lead agency (South Coast AQMD 2008). In September 2010, the Working Group proposed that the 10,000 MTCO<sub>2</sub>e/yr threshold be expanded to apply to industrial projects where South Coast AQMD is not the lead agency (South Coast AQMD 2010). The Working Group has not convened since the fall of 2010. As of July 2017, the proposal has not been considered or approved for use by the South Coast AQMD Board. However, this threshold is selected by EMWD as appropriate for the proposed Project.

**Proposed Project Greenhouse Gas Emissions**

Construction GHG emissions are generated by vehicle engine exhaust from construction equipment, on-road hauling trucks, vendor trips, and worker commuting trips. Construction GHG emissions were calculated concurrently with air quality criteria pollutant emissions using CalEEMod Version 2016.3.2 and the Project information as described in Section III, Air Quality.

The results are output in metric tons of CO<sub>2</sub> equivalent (MTCO<sub>2</sub>e) for each year of construction. **Table 4-8**, presents the construction-phase total and amortized GHG emissions for the Project.

**TABLE 4-8  
ESTIMATED ANNUAL GREENHOUSE GAS EMISSIONS  
FROM CONSTRUCTION**

Year	Emissions (MTCO <sub>2</sub> e)
<b>Preferred Pipeline Alignment</b>	
2020	307
Preferred Pipeline Alignment Total	<b>307</b>
<b>Preferred Pipeline Alignment Amortized Annual Emissions*</b>	<b>10</b>
<b>Alternative Pipeline Alignment</b>	
2020	373
2021	140
Alternative Pipeline Alignment Total	<b>513</b>
<b>Alternative Pipeline Alignment Amortized Annual Emissions*</b>	<b>17</b>
MTCO <sub>2</sub> e: metric tons of carbon dioxide equivalent	
* Combined total amortized over 30 years	
Source: CalEEMod data in Appendix A.	

GHG emissions generated from construction activities are finite and occur for a relatively short-term period. Unlike the numerous opportunities available to reduce a project’s long-term GHG emissions through design features, operational restrictions, use of green-building materials, and other methods, GHG emissions-reduction measures for construction equipment are relatively limited. Therefore, South Coast AQMD staff recommended that construction emissions be amortized over a 30-year project lifetime, so that GHG reduction measures will address construction GHG emissions as part of the operational GHG reduction strategies (South Coast AQMD 2008). As shown in **Table 4-8**, the Preferred Pipeline Alignment would result in an estimated 10 MTCO<sub>2</sub>e/yr when amortized; and the Alternative Pipeline Alignment would result in an estimated 17 MTCO<sub>2</sub>e/yr when amortized.

Operational GHG emissions for the Project are estimated by including purchased electricity; the electricity embodied in water consumption; the energy associated with solid waste disposal; and mobile source emissions. The Project would not require additional EMWD employees or generate regular vehicle trips, nor would it use natural gas. Water consumption and solid waste generation would be negligible with respect to the generation of GHGs. As shown in **Table 4-8**, the total annual GHG emissions for either alignment would be less than the 10,000 MTCO<sub>2</sub>e/yr threshold for industrial projects. There would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed above, the principal State plan and policy adopted for the purpose of reducing GHG emissions is AB 32. The quantitative goal of AB 32 is to reduce GHG emissions to 1990 levels by 2020. The Project contributes to this goal by conveying treated, potable water from the Perris II Desalination Complex to a different area. One implication of climate change is the decrease in the predictability of water availability and the reduction in water availability from river abstraction and groundwater resources, combined with the increase in water demand (IPCC 2014). Desalination is an adaptive measure to reduce impacts to water availability from climate change. Therefore, the Preferred Pipeline Alignment and Alternative Pipeline Alignment would support the overall goals of adapting to climate change implications. Similarly, the Project supports the goals of Executive Orders S-3-05 and B-30-15. Therefore, the Project does not conflict with these plans and regulations. Implementation of the Project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. There would be no impact.

## MITIGATION MEASURES

No mitigation is required.

**IX. HAZARDS AND 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 materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Project construction activities would require the transport and use of standard construction equipment and materials, some of which may include hazardous materials (e.g., fuel, lubricants, solvents) and chemicals. These activities would be conducted in compliance with existing federal, State, and local regulations. In addition, as discussed in Section VII, Geology and Soils, above, implementation of the proposed Project would require compliance with the NPDES Construction General Permit. Among other requirements, a SWPPP must be prepared to address all discharges from the construction site, including potential contaminants from construction equipment operation through implementation of appropriate BMPs. While specific BMPs would be determined during the SWPPP preparation process based on site- and Project-specific characteristics, they would include standard industry measures and guidelines contained in the NPDES Construction General Permit text. The potential for release of hazardous materials through upset or accident conditions would be minimized through implementation of a Cal-OSHA Construction Safety Plan and a hazard communication program during construction, as required under Section 5194 of the *California Code of Regulations*. The hazard communication program would include disclosure of the hazardous materials present on site, labels for hazardous materials containers, safety data sheets with information on the health effects of hazardous materials, and employee training on hazardous materials handling. In the event of an accidental release of hazardous substances, the Project contractor would comply with Section 1910.120 of the *Code of Federal Regulations*, which outlines protocol for hazardous waste clean-up operations and emergency response.

Routine operation of the proposed Project would not involve the use or transport of hazardous materials. The proposed pipeline would convey potable water after treatment at the Desalination Complex. The Project site is located along and near several major transportation facilities and arterials, including Murrieta Road, Newport Road, Jamboree Road, Santiago Canyon Road/Chapman Avenue, Interstate (I) 215, and I-15. These roadways may be used to transport hazardous materials; however, the proposed Project would neither increase the frequency of transport, nor would it introduce hazards that would increase the likelihood for accidental release of hazardous materials into the environment.

Through compliance with State and federal regulations, there would be a less than significant impact related to the transport, use, or disposal of hazardous materials or the release of hazardous materials into the environment would occur during construction, and no impact during long-term operation.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter-mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** There are no schools with ¼-mile of the Preferred Pipeline Alignment; there are two existing schools within ¼-mile of the Alternative Pipeline Alignment. The two schools are:

- Good Shepherd Lutheran School, 26876 Cherry Hills Boulevard (adjacent to Newport Road); and
- Chester W. Morrison Elementary School, 30250 Bradley Road.

As discussed above, Project construction activities would require the transport and use of hazardous materials. However, these activities would be conducted in compliance with existing federal, State, and local regulations. Once construction is complete, the pipeline would be underground and there would be no operational risks related to hazardous materials. Therefore, impacts related to the handling of hazardous materials within ¼-mile of a school during construction of the Alternative Pipeline Alignment would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** An EDR Radius Map™ Report (EDR Report) was prepared for the proposed Project by Environmental Data Resources, Inc. (EDR 2019). Search parameters were based on a one-mile radius of the approximate center of the Project site, including both alignment options, and consisted of a search of federal, State, local, tribal, and other databases. These databases include both facilities that use, store, and/or generate hazardous materials; and those that have had a hazardous materials release. The complete list of databases and additional information regarding the identified sites can be found in Appendix E

According to the EDR Report, there are no hazardous materials sites identified on the Cortese List, compiled pursuant to Section 65962.5 of the Government Code within the search radius. Also, no sites are identified within or overlapping the public ROW comprising the Project site. However, a release of hazardous materials nearby the Project site may have resulted in contamination of shallow soils and/or groundwater in the area surrounding the release.



The following three active hazardous materials sites are identified adjacent to the Preferred Pipeline Alignment:

- **Sun City Desalter (29541 Murrieta Road).** This site is identified as a Resource Conservation and Recovery Act (RCRA) Small Quantity Generator (SQG), and no violations have been reported.
- **Sun City Fuels (29950 Murrieta Road).** This site is identified in the California Environmental Reporting System (CERS), which is a 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. The facility has been cited for procedural violations by the Riverside County Department of Environmental Health; no releases have been reported.
- **Sun City Fuels Co. (26015 Newport Road).** This site is identified in the Underground Storage Tank (UST) database, RCRA Non-Generators/No Longer Regulated (RCRA NONGEN/NLR) database, and CERS. The facility has been cited for procedural violations by the Riverside County Department of Environmental Health; no releases have been reported.

Along the Alternative Pipeline Alignment, the following active sites are identified, two of which are the same as identified for the Preferred Pipeline Alignment:

- **Sun City Desalter (29541 Murrieta Road)**
- **Sun City Fuels (29950 Murrieta Road)**
- **Mountain View Tire (30027 Winter Hawk Road).** This site is identified in the CERS database. The facility has been cited for procedural violations by the Riverside County Department of Environmental Health; no releases have been reported.
- **Menifee Car Wash / One Stop Lube & Oil (26825 Newport Road).** This site is identified in the RCRA NonGen/NLR database, aboveground storage tank (AST) database, and UST database. No violations have been reported for this facility.

All of the sites along the Preferred Pipeline Alignment and Alternative Pipeline Alignment are identified for permitting associated with transport, use, or generation of hazardous materials; and/or procedural violations related to hazardous materials handling. No hazardous materials releases near the Project site have been reported. Therefore, there would be no impact related to known hazardous materials.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard or excessive noise for people residing or working in the Project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Project site is not located within an adopted Airport Land Use Plan or in the vicinity of a private airstrip, heliport, or helistop. The nearest airport is Perris Valley Airport, located at 2091 Goetz Road approximately 4.5 miles to the north at the nearest points. Perris Valley Airport is a privately owned and used for skydiving. Also, March Air Reserve Base is located approximately 12 miles to the north; and much of northeast of the City is in land use compatibility zones for the March Air Reserve Base (Menifee 2013). However, the Project site is located outside the influence areas for both facilities (Menifee 2013) and would not expose additional people to safety hazards or excessive noise related to airport operations. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The emergency response plan in effect in the County of Riverside is the *Riverside County Operational Area Emergency Operations Plan* (EOP), adopted in 2006. The EOP defines the roles of various County agencies in emergency preparedness, emergency response, and hazard mitigation. The Riverside County Fire Department Office of Emergency Services is responsible for planning for and managing emergency responses. The County's *Local Hazard Mitigation Plan*, adopted in 2004, includes assessments of the nature, locations, probabilities, and severities of a wide variety of hazards, as well as mitigation goals and strategies and action plans for reducing disaster risks (Menifee 2013).

Construction of the proposed Project would occur within the public ROW and would result in lane closures. Full road closures are not anticipated, and the roadways would remain open to traffic in both directions during construction. However, traffic diversions and detours may result from temporary lane closures. Therefore, implementation of a Traffic Control Plan for the Project, as discussed in Section 3.3, would ensure access to hospitals, emergency response centers, school locations, communication facilities, highways, bridges, and airports are maintained. As such, the Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. There would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
h) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** According to the Fire and Resource Assessment Program *Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE* map for the City of Menifee, the Project site is not located within or near any areas designated a Very High Fire Hazard Severity Zone (VHFHSZ) in either a Local Responsibility Area or a State Responsibility Area. The nearest VHFHSZ-designated area is located approximately 0.5-mile to the west-southwest (CAL FIRE 2009). There would be no impacts related to wildfires.

### MITIGATION MEASURES

There would be no significant impacts and no mitigation is required.

### X. 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 groundwater quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** Potential impacts of construction activities on water quality focus on sediments, turbidity, and pollutants associated with sediments. Construction-related activities that are primarily responsible for sediment releases are related to exposing soils to potential mobilization by rainfall, runoff, and wind. These activities include any type of earth-disturbance activities. The proposed Project would involve temporary earth-disturbance activities associated with asphalt removal, trenching, and backfilling which would generate sediments along both the Preferred Pipeline Alignment and the Alternative Pipeline Alignment. Non-sediment-related pollutants that are also of concern during construction include waste construction materials and chemicals, liquid products, and petroleum products used in building construction or the maintenance of heavy equipment. Construction associated with the Project would involve use of vehicles and equipment with the potential to leak pollutants onto the ground surface and leach into the ground surface. These pollutants would then have the potential to be transported via surface runoff into a local water body. The potential for release of these materials via runoff represents a potentially significant impact.

Implementation of **MM HYDRO-1** would reduce any potential impacts to downstream waters resulting from construction activities on the Project site to less than significant. During long-term operations following installation of the proposed underground pipeline, storm water runoff in the Project area would be essentially the same as the existing conditions.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Project implementation would not increase the amount impervious surface area within the Project area. Existing paved roadways impacted by trenching would be re-paved. Unpaved areas in the north near the Perris II Desalter and in the south near the Murrieta Road/La Piedra Road intersection would remain unpaved after the pipeline is installed. Pre- to post-project conditions would not see any change in the amount of surface runoff and would not interfere substantially with groundwater recharge. The Project would facilitate conveyance of treated groundwater to meet the EMWD's anticipated demands, and implementation of the pipeline would not drive increased groundwater withdrawals. There would no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course or a stream or river or through the addition of impervious surfaces, in a manner that would:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) Result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** The proposed Project would be located primarily within existing public ROW that is currently developed with roadway uses. In these areas, the roadways would experience temporary disturbance during construction activities; however, the roadways would be returned to existing conditions and the drainage pattern would not be altered. There would be no increase in impervious surface areas associated with the proposed Project, resulting in no

change to the existing drainage pattern within or surrounding the proposed Project site. Therefore, the Project would not result in substantial erosion or siltation, substantially increase the rate or amount of surface runoff, or create or contribute runoff that would exceed storm drainage capacity. Impacts related to change in the drainage pattern would be less than significant.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course or a stream or river or through the addition of impervious surfaces, in a manner that would:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Impede or redirect flood flows?				

**No Impact.** According to Exhibit S-5, Flood Hazards, of the *City of Menifee General Plan*, Salt Creek is identified as a Federal Emergency Management Agency (FEMA) zone AE Flood-Floodway. This corresponds to a watercourse channel. The proposed pipeline would be located underground, including at its crossing of Salt Creek, and would not impede or redirect flood flows. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed under Threshold X(c-iv) above, Salt Creek is identified by FEMA as a Floodway. There are inland water bodies in and near the City capable of producing a seiche, such as Diamond Valley Lake, Canyon Lake, or artificial lakes at Menifee Lakes Country Club and private developments. However, the likelihood of seiche effects reaching the Project site is low due to intervening topography and physical distance of at least 1.5 miles (between Bradley Road and the artificial lake within Menifee Village). Due to a distance of approximately 30 miles between the site and the Pacific Ocean, there is no tsunami risk. Once construction is complete, the proposed Project would be located underground and would not release pollutants in the instance of a flood. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed under Thresholds X(a) through X(c), the Project would have no impacts related to water quality or groundwater management. During construction, appropriate water quality BMPs consistent with the NPDES Construction General Permit would be implemented (**MM HYDRO-1**). As such, the proposed Project would not obstruct implementation of a water quality control plan or sustainable groundwater management plan. There would be no impact.

## MITIGATION MEASURES

**HYDRO-1** This mitigation measure would also require the development and implementation of an SWPPP for the proposed Project site, as required by and in compliance with, the NPDES Construction General Permit. Prior to initiation of construction, EMWD shall ensure that a Notice of Intent with the State Water Resources Control Board (SWRCB) has been filed in order to obtain coverage under the Construction General Permit. Pursuant to the permit requirements, the Construction Contractor shall develop a Storm Water Pollution Prevention Plan (SWPPP) that incorporates Best Management Practices (BMPs) for reducing or eliminating construction-related pollutants in the site runoff. The SWPPP shall include erosion- and sediment-control BMPs that meet or exceed measures required by the NPDES Construction General Permit, as well as BMPs that control the other potential construction-related pollutants. The SWPPP would be designed and implemented to address site-specific conditions related to Project construction and BMPs would be selected and implemented based on the phase of construction and weather conditions. The SWPPP would identify and describe the sources of sediment and other pollutants that may affect the quality of storm water discharges; it would also ensure the implementation and maintenance of BMPs to reduce or eliminate sediment, pollutants adhering to sediment, and other non-sediment pollutants in storm water and non-storm water discharges. Examples of BMPs that may be used include:

- synthetic non-biodegradable rolled erosion control products (RECPs) including plastic netting, plastic mesh, synthetic fiber with netting, and bonded synthetic fibers;
- biodegradable RECPs including erosion control blankets/mats made of jute, wood fiber, straw, coconut fiber, and straw coconut fiber;
- chemical dust suppressants including mulch and fiber-based dust palliatives, salts and brines, non-petroleum based organics, petroleum based organics, synthetic polymers, clay additives, and electrochemical products;
- street sweeping and vacuuming;

- storm drain inlet protection consisting of a sediment filter or impounding area; and
- water conservation practices to avoid leaks and discharges.

**XI. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** A majority of the Project site would be located within the existing paved roadway/public ROW. Areas outside of this include the northern portion of the site at the Perris II Desalter site and the southern end at the northeast corner of the Murrieta Road/ La Piedra Road intersection. Construction of the Project would result in temporary lane closures along Murrieta Road, Newport Road, Bradley Road and La Piedra Road. Implementation of a Traffic Control Plan as described in Section 3.3, however, would maintain vehicular access to the community. Operationally, the proposed pipeline would be located below ground and would not limit access or divide a community. Therefore, the proposed Project would not physically divide an established community. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Project does not propose to change any existing land use designations in the City and, pursuant to Section 53091(e) of the *California Government Code*, the proposed Project would be exempt from City zoning ordinances because it involves the construction of facilities for the production, generation, storage, treatment, or transmission of water. Implementation of the proposed Project would not conflict with applicable plans, policies, and regulations. As discussed under Threshold IV(f), the project would not conflict with the Western Riverside MSHCP. There would be no impacts.

**MITIGATION MEASURES**

No mitigation is required.

**XII. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** According to the Menifee General Plan EIR, most of the City, including the Project site, is designated Mineral Resource Zone-3 (MRZ-3), defined by the Department of Conservation as areas containing known or inferred mineral occurrences of undetermined mineral resource significance. The Project site and vicinity are not designated for mineral resource extraction, and are not planned to be used for mineral extraction in the future. Neither the Riverside County General Plan nor the Menifee General Plan designate mining sites in the City, and mining activity is reported to be incompatible with the existing and future land uses pursuant to the Menifee General Plan (Menifee 2013). There would be no impacts related to the loss of availability of a known or locally-important mineral resources.

**MITIGATION MEASURES**

No mitigation is required.

**XIII. NOISE**

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.**

**Noise-Sensitive Receptors**

Noise-sensitive land uses typically include residences, hospitals, convalescent and day care facilities, schools, and libraries, which could all be adversely affected by an increase in noise levels. Noise sensitive receptors in the Project vicinity include residences located along Murrieta Road and La Piedra Road for the Preferred Pipeline Alignment. Noise sensitive receptors include



residences located along Bradley Road and Newport Road as well as the Chester W. Morrison Elementary School and Good Shepherd Lutheran Church and School for the Alternative Pipeline Alignment.

## **Regulatory Background**

For the evaluation of potential noise impacts, EMWD complies with the City of Menifee Noise Ordinance.

### ***City of Menifee Municipal Code***

Chapter 9.09, Noise Control Regulations, of the City of Menifee Municipal Code (MMC) contains the City of Menifee Noise Ordinance. The Noise Ordinance acknowledges that at certain levels, sound becomes noise and may jeopardize the health, safety, or general welfare of City residents and degrade their quality of life. Accordingly, the intent of the Noise Ordinance is to establish City-wide standards to regulate noise. However, the Noise Ordinance states that Chapter 9.09 is not intended to establish thresholds of significance for use in CEQA analysis.

It is noted that the standards of municipal noise regulations cannot be applied to mobile noise sources (e.g., heavy trucks traveling on public roadways, trains, aircraft). Control of noise generated by these transportation sources is preempted by federal and State laws and is therefore not subject to the provisions of the City's Noise Ordinance. However, the Noise Ordinance does apply to vehicles while they are on private property. All activities within the City are subject to the Noise Ordinance unless specifically exempted.

The following sections of the MMC are relevant to the Project.

Section 9.09.020, General Exemptions, of the MMC states: Sound emanating from the following sources are exempt from the provisions of this chapter:

- A. Facilities owned or operated by or for a governmental agency.
- B. Capital improvement projects of a governmental agency.

Section 9.09.030, Construction-Related Exemptions, of the MMC states: Exceptions may be requested from the standards set forth in Sections 9.09.040 or 9.09.060 of this chapter and may be characterized as construction-related, single event or continuous events exceptions.

- A. Construction-related exceptions. A construction-related exception shall be considered either a minor temporary use or a major temporary use as defined in Chapter 9.06 of this code. An application for a construction-related exception shall be made using the temporary use application provided by the Community Development Director in Chapter 9.06 of this code. For construction activities on Sunday or nationally recognized holidays, Section 8.01.010 shall prevail.

## **Construction Noise**

The proposed Project involves construction of a linear water pipeline and water line connections. The overall construction duration is approximately 7 months for the Preferred Pipeline Alignment and 12 months for the Alternative Pipeline Alignment. Local residents would be subject to elevated noise levels due to the operation of Project-related construction equipment. Construction activities are carried out in discrete steps, each of which has its own mix of equipment and, consequently,

its own noise characteristics. Project construction activities would occur in a linear manner with construction moving down the roadway as each phase is completed. Construction phases would include pavement cutting and removal, trenching, pipeline construction, backfilling and repaving of the roadway. For sections of pipeline using an open trench construction method, which represent the majority of both alignments, it is expected that an estimated 80 lf of pipeline would be installed per day. Due to the relatively rapid rate of construction, construction activities would not remain at a single location for a prolonged duration. At a rate of construction 80 lf per day, it is anticipated that approximately 1,760 lf of pipeline would be completed in one month (22 workdays).

Construction noise levels reported in the Federal Highway Administration's Roadway Construction Noise Model (RCNM) were used to estimate future construction noise levels for the Project (FHWA 2008). Typically, these estimated construction noise levels are governed primarily by equipment that produces the highest noise levels. As the City's Noise Ordinance states that the noise regulations in the MMC are not intended to be used as CEQA significance thresholds, noise criterion developed by the Federal Transportation Administration (FTA) for construction activities have been used to determine whether a significant noise impact would occur. Due to the linear nature of pipeline construction, construction noise has been assessed based on the FTA 30-day noise criterion. This noise criterion allows both day and nighttime noise levels to be taken into account through the use of the  $L_{dn}$  noise metric, defined as a 24-hour noise metric that accounts for noise sources that occur during the daytime without penalties, and nighttime noise levels with penalties to account for people's sensitivity to noise occurring at night.

The degree to which noise-sensitive receptors are affected by construction activities depends heavily on their distance from the noise source. Because construction activities would not occur at any one location along the selected pipeline alignment for a prolonged period, the 80 lf per day rate of construction activities was used to determine the average noise exposure distance for construction activities occurring during the daytime. As discussed previously, an average of 1,760 lf of pipeline would be constructed per month. An average distance of 880 feet (i.e., the midpoint of 0 feet and 1,760 feet) from construction activities to noise sensitive uses was used to determine an average noise exposure level as construction progresses down a roadway.

While the majority of construction activities would occur during the daytime, nighttime construction activities would occur to minimize traffic flow disruptions for pipeline installation crossing through the intersection of Murrieta Road and Newport Road. The nearest noise sensitive uses are residences located approximately 400 feet from this intersection. Commercial uses located more proximate to this intersection than the residential use are exposed to substantial levels of traffic noise and are not considered to be noise sensitive uses. As such, commercial uses are not evaluated for construction-related noise exposure.

Based on these parameters, estimated noise levels from construction of the proposed Project at the nearest noise sensitive receptor, compared to the appropriate FTA threshold, is summarized in **Table 4-9**.

**TABLE 4-9  
ESTIMATED CONSTRUCTION NOISE LEVELS  
AT NOISE-SENSITIVE RECEPTORS**

Construction Phase	Noise Levels (L <sub>eq</sub> dBA)		
	Noise Level (L <sub>dn</sub> dBA)	FTA Noise Threshold (L <sub>dn</sub> dBA)	Exceeds Criterion?
Daytime Construction Activities	50	75	No
Nighttime Construction Activities (Murrieta Road and Newport Road intersection only)	66	75	No
dBA L <sub>dn</sub> : Daytime Nighttime Noise Level in A-weighted decibels; L <sub>eq</sub> dBA: Equivalent Continuous Noise Level in A-weighted decibels Note: Noise levels from construction activities do not consider attenuation provided by intervening structures, which would reduce the estimated noise level. Source of FTA thresholds: USEPA 1971. Noise calculation data in Appendix F.			

As shown in **Table 4-9**, Project-related noise levels generated by both daytime and nighttime construction activities are below the FTA threshold. Because Project-related construction noise levels are below the FTA’s noise criterion threshold for both daytime and nighttime construction activities, construction noise levels would not be considered substantial. There would be a less than significant impact.

**Operational Noise**

The proposed Project is not noise-generating. The Project would not generate daily vehicle trips related to routine inspection and would not involve any noise-generating activities. Operational noise produced from the pipeline would likewise be inaudible. There would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** There are no applicable City standards for vibration-induced annoyance or structural damage from vibration. Caltrans has adopted vibration damage thresholds shown in **Table 4-10** to assess the potential for structural damage from Project-generated vibration.

**TABLE 4-10  
VIBRATION DAMAGE THRESHOLD CRITERIA**

Structure and Condition	Maximum ppv (in/sec)	
	Transient Sources	Continuous/Frequent Intermittent Sources
Extremely fragile historic buildings, ruins, ancient monuments	0.12	0.08
Fragile buildings	0.2	0.1
Historic and some old buildings	0.5	0.25
Older residential structures	0.5	0.3
New residential structures	1.0	0.5
Modern industrial/commercial buildings	2.0	0.5

ppv: peak particle velocity; in/sec: inch(es) per second

Note: Transient sources create a single isolated vibration event, such as blasting or drop balls. Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

Source: Caltrans 2013.

The structural damage threshold for “new residential structures” of 1.0 peak particle velocity (ppv) inch per second (in/sec) for transient (i.e., temporary) sources is most applicable to this analysis.

The Caltrans vibration annoyance thresholds are shown in **Table 4-11**. These thresholds are used to assess the potential for a significant vibration impact for human annoyance; and annoyance is evaluated within occupied buildings.

**TABLE 4-11  
VIBRATION ANNOYANCE THRESHOLDS**

Average Human Response	ppv
Severe	2.0
Strongly perceptible	0.9
Distinctly perceptible	0.24
Barely perceptible	0.035

ppv: peak particle velocity; in/sec: inch(es) per second  
Source: Caltrans 2013.

The vibration annoyance response of “distinctly perceptible” of 0.24 ppv is most applicable to this analysis.

Asphalt removal, excavation, and re-paving would occur along roadways for both the Preferred Pipeline Alignment and the Alternative Pipeline Alignment, which would generate vibration. Pile driving and blasting are generally the sources of the most severe vibration during construction. Neither pile driving nor blasting would be used during Project construction. **Table 4-12**, summarizes typical vibration levels measured during construction activities for various vibration-inducing pieces of equipment.

**TABLE 4-12  
VIBRATION LEVELS FOR  
CONSTRUCTION EQUIPMENT**

Equipment		ppv at 25 ft (in/sec)
Pile driver (impact)	upper range	1.518
	typical	0.644
Pile driver (sonic)	upper range	0.734
	typical	0.170
Vibratory roller		0.210
Large bulldozer		0.089
Caisson drilling		0.089
Loaded trucks		0.076
Jackhammer		0.035
Small bulldozer		0.003
ppv: peak particle velocity; ft: feet; in/sec: inches per second.		
Source: Caltrans 2013; FTA 2006.		

**Table 4-13**, summarizes the anticipated vibration levels (measured in ppv) at the Project site as calculated at 30 feet between the identified construction equipment and the nearest building compared to both the Caltrans structural damage and annoyance vibration thresholds. A distance of 30 feet was used in this analysis as the worst-case scenario. Vibration levels would be reduced further at structures located further away than 30 feet. It should be noted that, although it is not anticipated that the Project would use small or large bulldozers, the equipment is included to represent vibration from similar vibration-generating equipment such as a crane or an excavator.

**TABLE 4-13  
ESTIMATED VIBRATION LEVELS  
AT SENSITIVE RECEPTORS**

Equipment	Vibration Level (ppv) (30 ft)
Vibratory roller	0.172
Large bulldozer	0.073
Small bulldozer	0.002
Jackhammer	0.029
Loaded trucks	0.062
<b>Structural Damage Threshold</b>	<b>1.00</b>
<b>Annoyance Threshold</b>	<b>0.240</b>
<b>Exceeds Threshold?</b>	<b>No</b>
ft: feet, ppv: peak particle velocity	
Source: Caltrans 2013. Vibration calculation data in Appendix F.	

As shown in **Table 4-13**, vibration levels would not exceed the thresholds when construction activities occur under maximum (i.e., closest to the receptor). There would be a less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Project is not located within an airport land use plan or in the vicinity of a private airstrip or heliport, and it would not expose people to excessive noise levels associated with airport operations or aircraft travel. The Project involves the installation and operation of a pipeline and would not involve the exposure of people to aircraft noise. There would be no impact.

**MITIGATION MEASURES**

No mitigation is required.

**XIV. 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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The proposed Project involves the construction of additional water conveyance infrastructure, which would serve existing and planned future EMWD customers. The proposed Project would require routine checks by EMWD employees, which would occur in combination with existing maintenance activities in the City; therefore, no new employees are anticipated. As such, maintenance of the Project site will not require new staff and the Project is intended to serve existing EMWD customers or new customers within established or planned areas of the City. The Project would not extend water service into an area that is not currently developed or approved for future development; therefore, the Project would not result in either direct or indirect unplanned population growth. Additionally, the Project would not displace existing housing or population, resulting in construction of replacement housing elsewhere. There would be no impacts.

**MITIGATION MEASURES**

No mitigation is required.

**XV. PUBLIC SERVICES**

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered 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 fire protection, police protection, schools, parks, and other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed in Section XIV, the Project would not result in unplanned population growth. Due to the nature of the proposed Project, no new demand for public services such as fire protection, police protection, schools, parks, libraries, or other public facilities would occur. Any increase in maintenance of the proposed facilities would be the responsibility of the EMWD. There would be no impacts and no mitigation is required.

**MITIGATION MEASURES**

No mitigation is required.

**XVI. RECREATION**

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed in Section XIV, the Project would not result in unplanned population growth. Therefore, it would not directly or indirectly impact any local recreational facilities through increase of use, nor does the Project include recreational facilities or otherwise require their construction. There would be no impacts.

**MITIGATION MEASURES**

There would be no impacts and no mitigation is required.

**XVII. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** During construction, vehicle trips would be generated by trucks hauling materials and supplies, and workers commuting to and from the Project site. It is anticipated that these trips would occur throughout the workday and would not be concentrated during traffic peak hours. Project construction would primarily occur during daytime hours Monday through Friday. However, at the Murrieta Road and Newport Road intersection, the City has indicated that nighttime construction would be required in this area due to high daytime traffic volumes and congested utilities. As discussed in Section 3.3, a Traffic Control Plan would be prepared as part of the Project and submitted and approved by the City’s Engineering and Public Works Department. Implementation of appropriate measures during construction consistent with the Traffic Control Plan would ensure the circulation system would not be adversely affected. As such, the Project’s construction traffic and partial road closures would not substantially impact the performance of the circulation system or associated plans, ordinances, or policies.

The proposed Project would not result in long-term traffic generation, with operational traffic to be limited to minimal trips related to periodic pipeline inspection and maintenance.

The proposed Project would not substantially affect existing public transit, bicycle, or pedestrian facilities. Sidewalks are present along portions of both the Preferred Pipeline Alignment and Alternative Pipeline Alignment; and there are Class I, II, and III on-road and off-road trails and/or bike routes throughout the City. Riverside Transit Agency (RTA) provides fixed-route bus service in the City, including along Murrieta Road, Newport Road, Bradley Road, and La Piedra Road. Where pipeline installation would require construction activity near or within a sidewalk and/or bike lane, an alternate pedestrian or bicycle path would be established as part of the Traffic Control Plan to ensure continued safe use of the ROW. If necessary, the contractor would coordinate with the RTA to maintain access to the bus stop or establish a temporary bus stop with pre-coordination and approval by the RTA.

Roadways would be restored to pre-existing conditions following completion of construction. As such, the proposed Project would not conflict with adopted policies, plans, or programs regarding public transit, bicycle, or pedestrian facilities, or otherwise decrease the performance or safety of such facilities. There would be a less than significant impact.



	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)(1)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Section 15064.3(b)(1) of the State CEQA Guidelines refers to evaluating transportation impacts using vehicle miles traveled for land use projects. The proposed Project is not a land use project and would not generate any long-term change in traffic. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The proposed Project would not include the construction of hazardous design features (e.g., sharp curves or dangerous intersections), and would not result in incompatible uses with the surrounding developed area. Implementation of a Traffic Control Plan would minimize potential traffic hazards during construction. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** Construction of the proposed Project would occur almost entirely within the public ROW and, as such, would result in lane closures. Full road closures are not anticipated, and the roadways would remain open to traffic in both directions during construction. However, traffic diversions and detours may result from temporary lane closures. Therefore, implementation of a Traffic Control Plan for the Project would ensure access to hospitals, emergency response centers, school locations, communication facilities, highways, bridges, and airports are maintained. As such, the Project would not result in inadequate emergency access. There would be a less than significant impact.

## MITIGATION MEASURES

No mitigation is required.

## **XVIII. TRIBAL CULTURAL RESOURCES**

Information in this section is derived from the Cultural Resource Study prepared by Psomas for the Project (Psomas 2019b; Appendix C), and EMWD's consultation with the Rincon Band of Luiseno Indians and the Soboba Band of Luiseno Indians consistent with AB 52.

The NAHC conducted a Sacred Lands File search for the Project. Results were received on September 3, 2019. The search was positive for sacred places or objects with cultural value to a California Native American tribe in the area surrounding the Project area. Consistent with requirements of AB 52, on July 18, 2019, tribes that previously requested to be informed of EMWD projects under AB 52 were mailed an informational letter, which describes the Project and requests any information regarding resources that may exist on or near the Project site.

Letters were sent to the following Tribes:

- Agua Caliente Band of Cahuilla Indians
- Morongo Band of Mission Indians
- Rincon Band of Luiseno Indians
- San Manuel Band of Mission Indians
- Soboba Band of Luiseno Indians
- Pechanga Band of Luiseno Indians

The Rincon Band of Luiseno Indians (August 9, 2019), Pechanga Band of Luiseno Indians (August 5, 2019) and the Soboba Band of Luiseno Indians (August 5, 2019) responded by letters.

A consultation meeting was held with the Rincon Band of Luiseno Indians and Soboba Band of Luiseno Indians on September 10<sup>th</sup> and September 26<sup>th</sup>, respectively. Several attempts were made to consult with the Pechanga Band of Luiseno Indians (September 3<sup>rd</sup>, September 26<sup>th</sup>, October 24<sup>th</sup>, October 30<sup>th</sup>, November 14<sup>th</sup>, November 25<sup>th</sup>, and December 3<sup>rd</sup> e-mails). Responses back from the Pechanga Band of Luiseno Indians included requests for project reports and plans that were not yet developed.

On September 17<sup>th</sup>, 2019, Destiny Colocho (Tribal Historic Preservation Officer) from the Rincon Band of Luiseno Indians sent an email to EMWD. The email included two confidential maps. One of the maps depicted a significant tribal cultural resource within distance of the Project site which is of cultural value to the Luiseno. Rincon has requested to review the final EIR and Cultural Study before providing comments on the Project.

During the September 26<sup>th</sup> consultation with Joseph Ontiveros (Soboba Band of Luiseno Indians), Mr. Ontiveros indicated the area lies within an area where ancestral territories of the Luiseno villages adjoined and overlapped, at the least during the Late Prehistoric (before European Contact). Furthermore, Mr. Ontiveros noted that the tribe's records for the area indicated the presence of significant cultural resources within distance of the Project site. Mr. Ontiveros noted that the west side of Murrieta south of Newport is heavily recorded and that is where their primary concern is focused. EMWD informed him that the vast majority of the alignment is within the roadbed, with the exception at the northeast corner (APN-360-680-026) of Murrieta and La Piedra. Several large rock outcrops are currently on the property. Considering the archaeological and cultural sensitivity of the area, it was determined that a site visit was warranted to confirm the presence or absence of archaeological features. On October 4, 2019, Psomas visited the property with Joseph Broadhead from EMWD and Frank Morreo from the Soboba Band of Luiseno Indians.

The purpose of the October 4th site visit was to share the findings with the tribe and confirm no archaeological features, specifically milling were present at APN-360-680-026. All parties agreed that no archaeological features were present on the property.

	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)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** For purposes of impact analysis, a tribal cultural resource is considered a site, feature, place, cultural landscape, sacred place, or object which is of cultural value to a California Native American Tribe and is eligible for the CRHR or a local register. As indicated in Section V of this MND, based on a South Central Coastal Information Center (SCCIC) record search and the results from the NAHC Sacred Lands File database there are no resources on the Project site that are currently listed on the CRHR. Therefore, the proposed Project would not have an impact on tribal cultural resources associated with an impact to a resource that is listed or eligible for listing on the CRHR or a local register.

	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:				
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?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less Than Significant with Mitigation.** The second component of this threshold is if the proposed Project would impact “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, the lead agency shall consider the significance of the resource to a California Native American tribe.” Subdivision (c) states:

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

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

Based on information available through the record searches at the SCCIC and the NAHC, there is no information available that indicates there are significant tribal resources within the Project that would be significant pursuant to criteria set forth in subdivision (c) of Public Resource Code Section 5024.1. However, as noted in above under Methodology, EMWD requested consultation with tribes that notified EMWD of a desire to be consulted with regarding projects under EMWD’s jurisdiction (please see discussion above).

Therefore, based on coordination to date, Native American representatives have not provided substantial documentation supporting the occurrence of resources significant to California Native American tribes. Notwithstanding the current lack of evidence of known tribal cultural resources within the Project site, it is acknowledged Native Americans inhabited this portion of Riverside County. Although no documented archaeological resources important to Native Americans would be impacted from the Project, there is always the possibility that undiscovered intact cultural

resources, including tribal cultural resources may be present below the surface in native sediments, which would be considered a potentially significant impact. Implementation of **MM CULT-3** would reduce any potential impacts to tribal cultural resources resulting from construction activities on the Project site to less than significant.

**MITIGATION MEASURES**

Refer to **MM CULT-3**, as stated in Section V. Cultural Resources.

**XIX. 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?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** Development of the proposed Project would enhance EMWD’s distribution system by provided additional capacity to convey treated, potable water to serve anticipated demand. The Project itself is the construction of new water infrastructure, whose environmental impacts are addressed in this IS/MND. However, implementation of the Project would not result in the relocation or construction of additional or expanded water distribution infrastructure. Also, there would be no wastewater generation or dry utility demand such that new or expanded facilities would be required. There would be no impacts.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** A limited volume of water would be used during construction for dust suppression. There would be no long-term demand for water as a result of the Project. Based on the nominal water use expected during construction, the Project’s demands would be met with existing supplies. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** The Project would not involve wastewater generation; therefore, no wastewater treatment would be required. There would be no impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant Impact.** A finite volume of solid waste would be generated during construction, including asphalt removal materials, construction materials packaging, and miscellaneous waste such as food wrappers and beverage containers. Solid waste from the project would likely be disposed of at either the Badlands Sanitary Landfill, located in Moreno Valley, or the El Sobrante Landfill, located in Corona. These two landfills accept approximately 99 percent of the City's solid waste (Menifee 2013).

The Badlands Landfill has a remaining capacity of approximately 15.7 million cubic yards and a maximum permitted throughput of 4,800 tons per day; and the El Sobrante Landfill has a remaining capacity of approximately 144.0 million cubic yards and a maximum permitted throughput of 16,054 tons per day (CalRecycle 2019a, 2019b). Therefore, both of these landfills have sufficient capacity to accommodate the minimal amount of waste generated by construction of the Project. There would be less than significant impact.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
e) Comply with federal, State, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**No Impact.** As discussed under Threshold XIX(d), solid waste debris would be disposed of at a permitted landfill. AB 939, also known as the Integrated Waste Management Act, mandates the

reduction of solid waste disposal in landfills by requiring a minimum of 50 percent diversion rate. Accordingly, at least half of the potential construction waste would be diverted from landfill disposal. Implementation of the proposed Project would not inhibit the City's compliance with State solid waste regulations. There would be no impact would occur.

**MITIGATION MEASURES**

No mitigation is required.

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

**No Impact.** According to the Fire and Resource Assessment Program *Very High Fire Hazard Severity Zones in LRA As Recommended by CAL FIRE* map for the City of Menifee, the Project site is not located within or near any areas designated a VHFHSZ in either a Local Responsibility Area or a State Responsibility Area. The nearest VHFHSZ-designated area is located approximately 0.5-mile to the west-southwest (CAL FIRE 2009). There would be no impacts related to wildfires and no mitigation is required.

**MITIGATION MEASURES**

There would be no impacts and no mitigation is required.

**XXI. MANDATORY FINDINGS OF SIGNIFICANCE**

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Does the project:				
a) Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** As described throughout the analysis in Section 4.0, with the incorporation of the identified mitigation measures, implementation of the proposed Project would not degrade the quality of the environment; would not substantially reduce the habitats of fish or wildlife species; would not cause a fish or wildlife population to drop below self-sustaining levels; would not threaten to eliminate a plant or animal; and would not eliminate important examples of major periods of California history or prehistory. With respect to the quality of the environment, the Project would not preclude the ability to achieve long-term environmental goals.

	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
b) Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Less than Significant with Mitigation.** While the Project may have the potential to impact the environment, specific regulatory requirements and mitigation measures would be implemented to reduce these impacts to a less than significant level. There would be less than significant cumulative impacts.



	Potentially Significant Impact	Less than Significant with Mitigation	Less than Significant Impact	No Impact
Would the project:				
c) Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

### **Fish and Wildlife Determination**

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

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

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

No (Pay fee)

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

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## **Appendix A**

### **Murrieta Road Transmission Pipeline CalEEMod Calculations**





Murrieta Road Transmission Pipeline Project- Preferred Alignment - Riverside-South Coast County, Winter

**Murrieta Road Transmission Pipeline Project- Preferred Alignment**  
**Riverside-South Coast County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	43.50	1000sqft	1.00	43,500.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics - ..
- Land Use - .
- Construction Phase - .
- Off-road Equipment - .
- Off-road Equipment - projections based on equipment data request
- Off-road Equipment - .
- Demolition - .
- Trips and VMT - .
- Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	153.00
tblConstructionPhase	NumDays	5.00	110.00
tblConstructionPhase	PhaseEndDate	4/14/2020	10/31/2020
tblConstructionPhase	PhaseEndDate	4/17/2020	10/31/2020
tblConstructionPhase	PhaseEndDate	4/15/2020	10/31/2020
tblConstructionPhase	PhaseStartDate	4/16/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	4/15/2020	4/1/2020
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Other General Industrial Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	449.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0294	29.3442	27.9921	0.0493	0.6724	1.5694	2.2417	0.1640	1.4607	1.6248	0.0000	4,783.5121	4,783.5121	1.1982	0.0000	4,813.4675
<b>Maximum</b>	<b>3.0294</b>	<b>29.3442</b>	<b>27.9921</b>	<b>0.0493</b>	<b>0.6724</b>	<b>1.5694</b>	<b>2.2417</b>	<b>0.1640</b>	<b>1.4607</b>	<b>1.6248</b>	<b>0.0000</b>	<b>4,783.5121</b>	<b>4,783.5121</b>	<b>1.1982</b>	<b>0.0000</b>	<b>4,813.4675</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0294	29.3442	27.9921	0.0493	0.6032	1.5694	2.1726	0.1535	1.4607	1.6143	0.0000	4,783.5121	4,783.5121	1.1982	0.0000	4,813.4675
Maximum	3.0294	29.3442	27.9921	0.0493	0.6032	1.5694	2.1726	0.1535	1.4607	1.6143	0.0000	4,783.5121	4,783.5121	1.1982	0.0000	4,813.4675

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	10.29	0.00	3.09	6.38	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0191	4.0000e-005	4.4600e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005	0.0000	0.0102

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0191</b>	<b>4.0000e-005</b>	<b>4.4600e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>9.5200e-003</b>	<b>9.5200e-003</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>0.0102</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2020	10/31/2020	5	153	
2	Trenching	Trenching	4/1/2020	10/31/2020	5	153	
3	Paving	Paving	6/1/2020	10/31/2020	5	110	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 1**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0**

## OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Trenching	Excavators	1	8.00	158	0.38
Trenching	Cranes	1	8.00	231	0.29
Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching	Other General Industrial Equipment	1	8.00	88	0.34
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Trenching	Rubber Tired Dozers	0	7.00	247	0.40
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38

## Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	80.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	4	10.00	4.00	449.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

### **3.1 Mitigation Measures Construction**

Water Exposed Area

### **3.2 Demolition - 2020**

#### **Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1134	0.0000	0.1134	0.0172	0.0000	0.0172			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431		1,194.2017	1,194.2017	0.2321		1,200.0040
<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.1134</b>	<b>0.4644</b>	<b>0.5778</b>	<b>0.0172</b>	<b>0.4431</b>	<b>0.4603</b>		<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.8300e-003	0.1249	0.0179	3.9000e-004	9.1500e-003	4.0000e-004	9.5500e-003	2.5100e-003	3.8000e-004	2.8900e-003		41.1795	41.1795	2.7600e-003		41.2484
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0399	0.0249	0.2609	7.9000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		79.0589	79.0589	1.9600e-003		79.1080
<b>Total</b>	<b>0.0427</b>	<b>0.1498</b>	<b>0.2788</b>	<b>1.1800e-003</b>	<b>0.0986</b>	<b>9.4000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>8.8000e-004</b>	<b>0.0271</b>		<b>120.2384</b>	<b>120.2384</b>	<b>4.7200e-003</b>		<b>120.3563</b>

**Mitigated Construction On-Site**

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

Fugitive Dust					0.0442	0.0000	0.0442	6.7000e-003	0.0000	6.7000e-003			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431	0.0000	1,194.2017	1,194.2017	0.2321		1,200.0040
<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.0442</b>	<b>0.4644</b>	<b>0.5086</b>	<b>6.7000e-003</b>	<b>0.4431</b>	<b>0.4498</b>	<b>0.0000</b>	<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.8300e-003	0.1249	0.0179	3.9000e-004	9.1500e-003	4.0000e-004	9.5500e-003	2.5100e-003	3.8000e-004	2.8900e-003		41.1795	41.1795	2.7600e-003		41.2484
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0399	0.0249	0.2609	7.9000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		79.0589	79.0589	1.9600e-003		79.1080
<b>Total</b>	<b>0.0427</b>	<b>0.1498</b>	<b>0.2788</b>	<b>1.1800e-003</b>	<b>0.0986</b>	<b>9.4000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>8.8000e-004</b>	<b>0.0271</b>		<b>120.2384</b>	<b>120.2384</b>	<b>4.7200e-003</b>		<b>120.3563</b>

**3.3 Trenching - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781		1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>		<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0159	0.7010	0.1004	2.1800e-003	0.0513	2.2500e-003	0.0536	0.0141	2.1500e-003	0.0162		231.1199	231.1199	0.0155		231.5065
Vendor	0.0118	0.4094	0.0882	1.0100e-003	0.0256	2.3700e-003	0.0280	7.3700e-003	2.2700e-003	9.6400e-003		106.0171	106.0171	9.1900e-003		106.2470
Worker	0.0498	0.0311	0.3262	9.9000e-004	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		98.8236	98.8236	2.4500e-003		98.8849
<b>Total</b>	<b>0.0775</b>	<b>1.1415</b>	<b>0.5148</b>	<b>4.1800e-003</b>	<b>0.1887</b>	<b>5.3000e-003</b>	<b>0.1940</b>	<b>0.0511</b>	<b>5.0400e-003</b>	<b>0.0561</b>		<b>435.9606</b>	<b>435.9606</b>	<b>0.0271</b>		<b>436.6384</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781	0.0000	1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>	<b>0.0000</b>	<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0159	0.7010	0.1004	2.1800e-003	0.0513	2.2500e-003	0.0536	0.0141	2.1500e-003	0.0162		231.1199	231.1199	0.0155		231.5065
Vendor	0.0118	0.4094	0.0882	1.0100e-003	0.0256	2.3700e-003	0.0280	7.3700e-003	2.2700e-003	9.6400e-003		106.0171	106.0171	9.1900e-003		106.2470
Worker	0.0498	0.0311	0.3262	9.9000e-004	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		98.8236	98.8236	2.4500e-003		98.8849
<b>Total</b>	<b>0.0775</b>	<b>1.1415</b>	<b>0.5148</b>	<b>4.1800e-003</b>	<b>0.1887</b>	<b>5.3000e-003</b>	<b>0.1940</b>	<b>0.0511</b>	<b>5.0400e-003</b>	<b>0.0561</b>		<b>435.9606</b>	<b>435.9606</b>	<b>0.0271</b>		<b>436.6384</b>

### 3.4 Paving - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328		1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0238					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8640</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>		<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0648	0.0405	0.4240	1.2900e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		128.4707	128.4707	3.1900e-003		128.5504

<b>Total</b>	<b>0.0648</b>	<b>0.0405</b>	<b>0.4240</b>	<b>1.2900e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>128.4707</b>	<b>128.4707</b>	<b>3.1900e-003</b>		<b>128.5504</b>
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### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328	0.0000	1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0238					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8640</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>	<b>0.0000</b>	<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0648	0.0405	0.4240	1.2900e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		128.4707	128.4707	3.1900e-003		128.5504
<b>Total</b>	<b>0.0648</b>	<b>0.0405</b>	<b>0.4240</b>	<b>1.2900e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>128.4707</b>	<b>128.4707</b>	<b>3.1900e-003</b>		<b>128.5504</b>

## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

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

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

#### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

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

## 5.2 Energy by Land Use - NaturalGas

### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
Unmitigated	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102

### 6.2 Area by SubCategory

#### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Consumer Products	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
<b>Total</b>	<b>0.0191</b>	<b>4.0000e-005</b>	<b>4.4600e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>9.5200e-003</b>	<b>9.5200e-003</b>	<b>3.0000e-005</b>		<b>0.0102</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
<b>Total</b>	<b>0.0191</b>	<b>4.0000e-005</b>	<b>4.4600e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>9.5200e-003</b>	<b>9.5200e-003</b>	<b>3.0000e-005</b>		<b>0.0102</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Murrieta Road Transmission Pipeline Project- Preferred Alignment - Riverside-South Coast County, Summer

**Murrieta Road Transmission Pipeline Project- Preferred Alignment  
Riverside-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	43.50	1000sqft	1.00	43,500.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics - ..
- Land Use - .
- Construction Phase - .
- Off-road Equipment - .
- Off-road Equipment - projections based on equipment data request
- Off-road Equipment - .
- Demolition - .
- Trips and VMT - .
- Energy Use -



Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	153.00
tblConstructionPhase	NumDays	5.00	110.00
tblConstructionPhase	PhaseEndDate	4/14/2020	10/31/2020
tblConstructionPhase	PhaseEndDate	4/17/2020	10/31/2020
tblConstructionPhase	PhaseEndDate	4/15/2020	10/31/2020
tblConstructionPhase	PhaseStartDate	4/16/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	4/15/2020	4/1/2020
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Other General Industrial Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	449.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0311	29.3360	28.2007	0.0497	0.6724	1.5693	2.2417	0.1640	1.4607	1.6247	0.0000	4,829.7801	4,829.7801	1.1969	0.0000	4,859.7014
<b>Maximum</b>	<b>3.0311</b>	<b>29.3360</b>	<b>28.2007</b>	<b>0.0497</b>	<b>0.6724</b>	<b>1.5693</b>	<b>2.2417</b>	<b>0.1640</b>	<b>1.4607</b>	<b>1.6247</b>	<b>0.0000</b>	<b>4,829.7801</b>	<b>4,829.7801</b>	<b>1.1969</b>	<b>0.0000</b>	<b>4,859.7014</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0311	29.3360	28.2007	0.0497	0.6032	1.5693	2.1725	0.1535	1.4607	1.6142	0.0000	4,829.7800	4,829.7800	1.1969	0.0000	4,859.7013
Maximum	3.0311	29.3360	28.2007	0.0497	0.6032	1.5693	2.1725	0.1535	1.4607	1.6142	0.0000	4,829.7800	4,829.7800	1.1969	0.0000	4,859.7013

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	10.29	0.00	3.09	6.38	0.00	0.64	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0191	4.0000e-005	4.4600e-003	0.0000	0.0000	2.0000e-005	2.0000e-005	0.0000	2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005	0.0000	0.0102

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Area	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005			0.0102
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000		0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000			0.0000
<b>Total</b>	<b>0.0191</b>	<b>4.0000e-005</b>	<b>4.4600e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>	<b>0.0000</b>	<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>9.5200e-003</b>	<b>9.5200e-003</b>	<b>3.0000e-005</b>	<b>0.0000</b>		<b>0.0102</b>

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

**3.0 Construction Detail**

**Construction Phase**

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2020	10/31/2020	5	153	
2	Trenching	Trenching	4/1/2020	10/31/2020	5	153	
3	Paving	Paving	6/1/2020	10/31/2020	5	110	

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 1**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0**

## OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Trenching	Excavators	1	8.00	158	0.38
Trenching	Cranes	1	8.00	231	0.29
Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Trenching	Other General Industrial Equipment	1	8.00	88	0.34
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Paving Equipment	1	8.00	132	0.36
Trenching	Rubber Tired Dozers	0	7.00	247	0.40
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Rollers	1	7.00	80	0.38

## Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	80.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	4	10.00	4.00	449.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

### 3.1 Mitigation Measures Construction

Water Exposed Area

### 3.2 Demolition - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1134	0.0000	0.1134	0.0172	0.0000	0.0172			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431		1,194.2017	1,194.2017	0.2321		1,200.0040
<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.1134</b>	<b>0.4644</b>	<b>0.5778</b>	<b>0.0172</b>	<b>0.4431</b>	<b>0.4603</b>		<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6900e-003	0.1238	0.0153	4.0000e-004	9.1500e-003	3.9000e-004	9.5400e-003	2.5100e-003	3.8000e-004	2.8800e-003		42.2362	42.2362	2.5200e-003		42.2991
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0407	0.0241	0.3226	8.8000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		88.1276	88.1276	2.2600e-003		88.1840
<b>Total</b>	<b>0.0434</b>	<b>0.1479</b>	<b>0.3379</b>	<b>1.2800e-003</b>	<b>0.0986</b>	<b>9.3000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>8.8000e-004</b>	<b>0.0271</b>		<b>130.3638</b>	<b>130.3638</b>	<b>4.7800e-003</b>		<b>130.4832</b>

**Mitigated Construction On-Site**

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

Fugitive Dust					0.0442	0.0000	0.0442	6.7000e-003	0.0000	6.7000e-003			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431	0.0000	1,194.2017	1,194.2017	0.2321		1,200.0040
<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.0442</b>	<b>0.4644</b>	<b>0.5086</b>	<b>6.7000e-003</b>	<b>0.4431</b>	<b>0.4498</b>	<b>0.0000</b>	<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6900e-003	0.1238	0.0153	4.0000e-004	9.1500e-003	3.9000e-004	9.5400e-003	2.5100e-003	3.8000e-004	2.8800e-003		42.2362	42.2362	2.5200e-003		42.2991
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0407	0.0241	0.3226	8.8000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		88.1276	88.1276	2.2600e-003		88.1840
<b>Total</b>	<b>0.0434</b>	<b>0.1479</b>	<b>0.3379</b>	<b>1.2800e-003</b>	<b>0.0986</b>	<b>9.3000e-004</b>	<b>0.0995</b>	<b>0.0262</b>	<b>8.8000e-004</b>	<b>0.0271</b>		<b>130.3638</b>	<b>130.3638</b>	<b>4.7800e-003</b>		<b>130.4832</b>

**3.3 Trenching - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781		1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>		<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0151	0.6949	0.0857	2.2300e-003	0.0513	2.2100e-003	0.0536	0.0141	2.1200e-003	0.0162		237.0507	237.0507	0.0141		237.4038
Vendor	0.0112	0.4116	0.0753	1.0400e-003	0.0256	2.3400e-003	0.0280	7.3700e-003	2.2400e-003	9.6100e-003		110.1564	110.1564	8.2600e-003		110.3629
Worker	0.0509	0.0301	0.4032	1.1100e-003	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		110.1595	110.1595	2.8200e-003		110.2301
<b>Total</b>	<b>0.0771</b>	<b>1.1366</b>	<b>0.5642</b>	<b>4.3800e-003</b>	<b>0.1887</b>	<b>5.2300e-003</b>	<b>0.1940</b>	<b>0.0511</b>	<b>4.9800e-003</b>	<b>0.0561</b>		<b>457.3665</b>	<b>457.3665</b>	<b>0.0252</b>		<b>457.9968</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781	0.0000	1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>	<b>0.0000</b>	<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	0.0151	0.6949	0.0857	2.2300e-003	0.0513	2.2100e-003	0.0536	0.0141	2.1200e-003	0.0162		237.0507	237.0507	0.0141		237.4038
Vendor	0.0112	0.4116	0.0753	1.0400e-003	0.0256	2.3400e-003	0.0280	7.3700e-003	2.2400e-003	9.6100e-003		110.1564	110.1564	8.2600e-003		110.3629
Worker	0.0509	0.0301	0.4032	1.1100e-003	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		110.1595	110.1595	2.8200e-003		110.2301
<b>Total</b>	<b>0.0771</b>	<b>1.1366</b>	<b>0.5642</b>	<b>4.3800e-003</b>	<b>0.1887</b>	<b>5.2300e-003</b>	<b>0.1940</b>	<b>0.0511</b>	<b>4.9800e-003</b>	<b>0.0561</b>		<b>457.3665</b>	<b>457.3665</b>	<b>0.0252</b>		<b>457.9968</b>

### 3.4 Paving - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328		1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0238					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8640</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>		<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0662	0.0391	0.5242	1.4400e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		143.2073	143.2073	3.6700e-003		143.2991



<b>Total</b>	<b>0.0662</b>	<b>0.0391</b>	<b>0.5242</b>	<b>1.4400e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>143.2073</b>	<b>143.2073</b>	<b>3.6700e-003</b>		<b>143.2991</b>
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### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328	0.0000	1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0238					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8640</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>	<b>0.0000</b>	<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Category</b>	<b>lb/day</b>										<b>lb/day</b>					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0662	0.0391	0.5242	1.4400e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		143.2073	143.2073	3.6700e-003		143.2991
<b>Total</b>	<b>0.0662</b>	<b>0.0391</b>	<b>0.5242</b>	<b>1.4400e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>143.2073</b>	<b>143.2073</b>	<b>3.6700e-003</b>		<b>143.2991</b>

## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

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

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

#### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

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

## 5.2 Energy by Land Use - NaturalGas

### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Land Use	kBTU/yr	lb/day										lb/day				
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
Unmitigated	0.0191	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102

### 6.2 Area by SubCategory

#### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Consumer Products	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
<b>Total</b>	<b>0.0191</b>	<b>4.0000e-005</b>	<b>4.4600e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>9.5200e-003</b>	<b>9.5200e-003</b>	<b>3.0000e-005</b>		<b>0.0102</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	3.3100e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0154					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.2000e-004	4.0000e-005	4.4600e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005		9.5200e-003	9.5200e-003	3.0000e-005		0.0102
<b>Total</b>	<b>0.0191</b>	<b>4.0000e-005</b>	<b>4.4600e-003</b>	<b>0.0000</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>2.0000e-005</b>	<b>2.0000e-005</b>		<b>9.5200e-003</b>	<b>9.5200e-003</b>	<b>3.0000e-005</b>		<b>0.0102</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Murrieta Road Transmission Pipeline Project- Alternative Alignment - Riverside-South Coast County, Winter

**Murrieta Road Transmission Pipeline Project- Alternative Alignment  
Riverside-South Coast County, Winter**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	72.60	1000sqft	1.67	72,600.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - ..

Land Use - .

Construction Phase - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - projections based on equipment data request

Trips and VMT - .

Demolition - .

Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	173.00
tblConstructionPhase	PhaseEndDate	4/28/2020	3/31/2021
tblConstructionPhase	PhaseEndDate	5/12/2020	3/31/2021
tblConstructionPhase	PhaseEndDate	4/28/2020	3/31/2021
tblConstructionPhase	PhaseStartDate	4/29/2020	8/1/2020
tblConstructionPhase	PhaseStartDate	4/29/2020	4/1/2020
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	750.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0304	29.3265	27.9895	0.0492	0.6830	1.5693	2.2524	0.1668	1.4607	1.6275	0.0000	4,777.6547	4,777.6547	1.1978	0.0000	4,807.6002
2021	2.7724	26.6260	27.6561	0.0491	0.8062	1.3651	2.1713	0.1971	1.2707	1.4678	0.0000	4,764.1115	4,764.1115	1.1929	0.0000	4,793.9343
<b>Maximum</b>	<b>3.0304</b>	<b>29.3265</b>	<b>27.9895</b>	<b>0.0492</b>	<b>0.8062</b>	<b>1.5693</b>	<b>2.2524</b>	<b>0.1971</b>	<b>1.4607</b>	<b>1.6275</b>	<b>0.0000</b>	<b>4,777.6547</b>	<b>4,777.6547</b>	<b>1.1978</b>	<b>0.0000</b>	<b>4,807.6002</b>



**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0304	29.3265	27.9895	0.0492	0.6154	1.5693	2.1847	0.1566	1.4607	1.6173	0.0000	4,777.6547	4,777.6547	1.1978	0.0000	4,807.6002
2021	2.7724	26.6260	27.6561	0.0491	0.7386	1.3651	2.1037	0.1868	1.2707	1.4576	0.0000	4,764.1115	4,764.1115	1.1929	0.0000	4,793.9343
<b>Maximum</b>	<b>3.0304</b>	<b>29.3265</b>	<b>27.9895</b>	<b>0.0492</b>	<b>0.7386</b>	<b>1.5693</b>	<b>2.1847</b>	<b>0.1868</b>	<b>1.4607</b>	<b>1.6173</b>	<b>0.0000</b>	<b>4,777.6547</b>	<b>4,777.6547</b>	<b>1.1978</b>	<b>0.0000</b>	<b>4,807.6002</b>

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
<b>Percent Reduction</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>9.08</b>	<b>0.00</b>	<b>3.06</b>	<b>5.63</b>	<b>0.00</b>	<b>0.66</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0169</b>

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0169</b>

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

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2020	3/31/2021	5	261	
2	Trenching	Trenching	4/1/2020	3/31/2021	5	261	
3	Paving	Paving	8/1/2020	3/31/2021	5	173	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.67

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
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Category	lb/day										lb/day					
Fugitive Dust					0.1109	0.0000	0.1109	0.0168	0.0000	0.0168			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431		1,194.2017	1,194.2017	0.2321		1,200.0040
<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.1109</b>	<b>0.4644</b>	<b>0.5753</b>	<b>0.0168</b>	<b>0.4431</b>	<b>0.4599</b>		<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7600e-003	0.1217	0.0174	3.8000e-004	0.0111	3.9000e-004	0.0115	2.9800e-003	3.7000e-004	3.3500e-003		40.1323	40.1323	2.6800e-003		40.1994
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0399	0.0249	0.2609	7.9000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		79.0589	79.0589	1.9600e-003		79.1080
<b>Total</b>	<b>0.0426</b>	<b>0.1466</b>	<b>0.2784</b>	<b>1.1700e-003</b>	<b>0.1005</b>	<b>9.3000e-004</b>	<b>0.1015</b>	<b>0.0267</b>	<b>8.7000e-004</b>	<b>0.0276</b>		<b>119.1911</b>	<b>119.1911</b>	<b>4.6400e-003</b>		<b>119.3073</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431	0.0000	1,194.2017	1,194.2017	0.2321		1,200.0040

<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.0432</b>	<b>0.4644</b>	<b>0.5076</b>	<b>6.5500e-003</b>	<b>0.4431</b>	<b>0.4496</b>	<b>0.0000</b>	<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.7600e-003	0.1217	0.0174	3.8000e-004	0.0111	3.9000e-004	0.0115	2.9800e-003	3.7000e-004	3.3500e-003		40.1323	40.1323	2.6800e-003		40.1994
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0399	0.0249	0.2609	7.9000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		79.0589	79.0589	1.9600e-003		79.1080
<b>Total</b>	<b>0.0426</b>	<b>0.1466</b>	<b>0.2784</b>	<b>1.1700e-003</b>	<b>0.1005</b>	<b>9.3000e-004</b>	<b>0.1015</b>	<b>0.0267</b>	<b>8.7000e-004</b>	<b>0.0276</b>		<b>119.1911</b>	<b>119.1911</b>	<b>4.6400e-003</b>		<b>119.3073</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1109	0.0000	0.1109	0.0168	0.0000	0.0168			0.0000			0.0000
Off-Road	0.7594	6.8295	8.1945	0.0125		0.3967	0.3967		0.3788	0.3788		1,194.4648	1,194.4648	0.2291		1,200.1910
<b>Total</b>	<b>0.7594</b>	<b>6.8295</b>	<b>8.1945</b>	<b>0.0125</b>	<b>0.1109</b>	<b>0.3967</b>	<b>0.5075</b>	<b>0.0168</b>	<b>0.3788</b>	<b>0.3956</b>		<b>1,194.4648</b>	<b>1,194.4648</b>	<b>0.2291</b>		<b>1,200.1910</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6100e-003	0.1115	0.0170	3.7000e-004	0.0297	3.4000e-004	0.0300	7.5300e-003	3.3000e-004	7.8600e-003		39.7090	39.7090	2.5900e-003		39.7737
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0224	0.2387	7.7000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242		76.4155	76.4155	1.7700e-003		76.4596
<b>Total</b>	<b>0.0398</b>	<b>0.1339</b>	<b>0.2557</b>	<b>1.1400e-003</b>	<b>0.1191</b>	<b>8.7000e-004</b>	<b>0.1199</b>	<b>0.0312</b>	<b>8.2000e-004</b>	<b>0.0321</b>		<b>116.1245</b>	<b>116.1245</b>	<b>4.3600e-003</b>		<b>116.2334</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003			0.0000			0.0000
Off-Road	0.7594	6.8295	8.1945	0.0125		0.3967	0.3967		0.3788	0.3788	0.0000	1,194.4648	1,194.4648	0.2291		1,200.1910
<b>Total</b>	<b>0.7594</b>	<b>6.8295</b>	<b>8.1945</b>	<b>0.0125</b>	<b>0.0432</b>	<b>0.3967</b>	<b>0.4399</b>	<b>6.5500e-003</b>	<b>0.3788</b>	<b>0.3853</b>	<b>0.0000</b>	<b>1,194.4648</b>	<b>1,194.4648</b>	<b>0.2291</b>		<b>1,200.1910</b>

**Mitigated Construction Off-Site**

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

Hauling	2.6100e-003	0.1115	0.0170	3.7000e-004	0.0297	3.4000e-004	0.0300	7.5300e-003	3.3000e-004	7.8600e-003		39.7090	39.7090	2.5900e-003		39.7737
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0372	0.0224	0.2387	7.7000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242		76.4155	76.4155	1.7700e-003		76.4596
<b>Total</b>	<b>0.0398</b>	<b>0.1339</b>	<b>0.2557</b>	<b>1.1400e-003</b>	<b>0.1191</b>	<b>8.7000e-004</b>	<b>0.1199</b>	<b>0.0312</b>	<b>8.2000e-004</b>	<b>0.0321</b>		<b>116.1245</b>	<b>116.1245</b>	<b>4.3600e-003</b>		<b>116.2334</b>

### 3.3 Trenching - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781		1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>		<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0155	0.6864	0.0983	2.1300e-003	0.0626	2.2000e-003	0.0648	0.0168	2.1000e-003	0.0189		226.3097	226.3097	0.0151		226.6882
Vendor	0.0118	0.4094	0.0882	1.0100e-003	0.0256	2.3700e-003	0.0280	7.3700e-003	2.2700e-003	9.6400e-003		106.0171	106.0171	9.1900e-003		106.2470
Worker	0.0498	0.0311	0.3262	9.9000e-004	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		98.8236	98.8236	2.4500e-003		98.8849
<b>Total</b>	<b>0.0771</b>	<b>1.1269</b>	<b>0.5127</b>	<b>4.1300e-003</b>	<b>0.2000</b>	<b>5.2500e-003</b>	<b>0.2052</b>	<b>0.0538</b>	<b>4.9900e-003</b>	<b>0.0588</b>		<b>431.1504</b>	<b>431.1504</b>	<b>0.0268</b>		<b>431.8201</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781	0.0000	1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>	<b>0.0000</b>	<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0155	0.6864	0.0983	2.1300e-003	0.0626	2.2000e-003	0.0648	0.0168	2.1000e-003	0.0189		226.3097	226.3097	0.0151		226.6882
Vendor	0.0118	0.4094	0.0882	1.0100e-003	0.0256	2.3700e-003	0.0280	7.3700e-003	2.2700e-003	9.6400e-003		106.0171	106.0171	9.1900e-003		106.2470
Worker	0.0498	0.0311	0.3262	9.9000e-004	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		98.8236	98.8236	2.4500e-003		98.8849
<b>Total</b>	<b>0.0771</b>	<b>1.1269</b>	<b>0.5127</b>	<b>4.1300e-003</b>	<b>0.2000</b>	<b>5.2500e-003</b>	<b>0.2052</b>	<b>0.0538</b>	<b>4.9900e-003</b>	<b>0.0588</b>		<b>431.1504</b>	<b>431.1504</b>	<b>0.0268</b>		<b>431.8201</b>

**3.3 Trenching - 2021**

**Unmitigated Construction On-Site**



	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0424	10.8604	9.4886	0.0166		0.5481	0.5481		0.5043	0.5043		1,607.8490	1,607.8490	0.5200		1,620.8492
<b>Total</b>	<b>1.0424</b>	<b>10.8604</b>	<b>9.4886</b>	<b>0.0166</b>		<b>0.5481</b>	<b>0.5481</b>		<b>0.5043</b>	<b>0.5043</b>		<b>1,607.8490</b>	<b>1,607.8490</b>	<b>0.5200</b>		<b>1,620.8492</b>

### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0147	0.6288	0.0958	2.1100e-003	0.1672	1.9300e-003	0.1691	0.0425	1.8500e-003	0.0443		223.9230	223.9230	0.0146		224.2879
Vendor	9.9200e-003	0.3670	0.0781	1.0000e-003	0.0256	7.3000e-004	0.0263	7.3700e-003	6.9000e-004	8.0700e-003		105.1893	105.1893	8.7100e-003		105.4071
Worker	0.0465	0.0279	0.2984	9.6000e-004	0.1118	6.6000e-004	0.1124	0.0296	6.1000e-004	0.0303		95.5194	95.5194	2.2100e-003		95.5745
<b>Total</b>	<b>0.0712</b>	<b>1.0237</b>	<b>0.4724</b>	<b>4.0700e-003</b>	<b>0.3046</b>	<b>3.3200e-003</b>	<b>0.3079</b>	<b>0.0795</b>	<b>3.1500e-003</b>	<b>0.0827</b>		<b>424.6316</b>	<b>424.6316</b>	<b>0.0255</b>		<b>425.2695</b>

### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0424	10.8604	9.4886	0.0166		0.5481	0.5481		0.5043	0.5043	0.0000	1,607.8490	1,607.8490	0.5200		1,620.8492

<b>Total</b>	<b>1.0424</b>	<b>10.8604</b>	<b>9.4886</b>	<b>0.0166</b>		<b>0.5481</b>	<b>0.5481</b>		<b>0.5043</b>	<b>0.5043</b>	<b>0.0000</b>	<b>1,607.8490</b>	<b>1,607.8490</b>	<b>0.5200</b>		<b>1,620.8492</b>
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0147	0.6288	0.0958	2.1100e-003	0.1672	1.9300e-003	0.1691	0.0425	1.8500e-003	0.0443		223.9230	223.9230	0.0146		224.2879
Vendor	9.9200e-003	0.3670	0.0781	1.0000e-003	0.0256	7.3000e-004	0.0263	7.3700e-003	6.9000e-004	8.0700e-003		105.1893	105.1893	8.7100e-003		105.4071
Worker	0.0465	0.0279	0.2984	9.6000e-004	0.1118	6.6000e-004	0.1124	0.0296	6.1000e-004	0.0303		95.5194	95.5194	2.2100e-003		95.5745
<b>Total</b>	<b>0.0712</b>	<b>1.0237</b>	<b>0.4724</b>	<b>4.0700e-003</b>	<b>0.3046</b>	<b>3.3200e-003</b>	<b>0.3079</b>	<b>0.0795</b>	<b>3.1500e-003</b>	<b>0.0827</b>		<b>424.6316</b>	<b>424.6316</b>	<b>0.0255</b>		<b>425.2695</b>

**3.4 Paving - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328		1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8655</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>		<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0648	0.0405	0.4240	1.2900e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		128.4707	128.4707	3.1900e-003		128.5504
<b>Total</b>	<b>0.0648</b>	<b>0.0405</b>	<b>0.4240</b>	<b>1.2900e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>128.4707</b>	<b>128.4707</b>	<b>3.1900e-003</b>		<b>128.5504</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328	0.0000	1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8655</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>	<b>0.0000</b>	<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

**Mitigated Construction Off-Site**

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0648	0.0405	0.4240	1.2900e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		128.4707	128.4707	3.1900e-003		128.5504
<b>Total</b>	<b>0.0648</b>	<b>0.0405</b>	<b>0.4240</b>	<b>1.2900e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>128.4707</b>	<b>128.4707</b>	<b>3.1900e-003</b>		<b>128.5504</b>

### 3.4 Paving - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7992</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>		<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0605	0.0363	0.3880	1.2500e-003	0.2716	8.6000e-004	0.2725	0.0695	7.9000e-004	0.0703		124.1752	124.1752	2.8700e-003		124.2469
<b>Total</b>	<b>0.0605</b>	<b>0.0363</b>	<b>0.3880</b>	<b>1.2500e-003</b>	<b>0.2716</b>	<b>8.6000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>7.9000e-004</b>	<b>0.0703</b>		<b>124.1752</b>	<b>124.1752</b>	<b>2.8700e-003</b>		<b>124.2469</b>

### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7992</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>	<b>0.0000</b>	<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0605	0.0363	0.3880	1.2500e-003	0.2716	8.6000e-004	0.2725	0.0695	7.9000e-004	0.0703		124.1752	124.1752	2.8700e-003		124.2469
<b>Total</b>	<b>0.0605</b>	<b>0.0363</b>	<b>0.3880</b>	<b>1.2500e-003</b>	<b>0.2716</b>	<b>8.6000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>7.9000e-004</b>	<b>0.0703</b>		<b>124.1752</b>	<b>124.1752</b>	<b>2.8700e-003</b>		<b>124.2469</b>

## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

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

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

#### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

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

## 5.2 Energy by Land Use - NaturalGas

### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

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

Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
Unmitigated	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169

### 6.2 Area by SubCategory

#### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.5300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0257					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000



Landscaping	7.0000e-004	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>		<b>0.0169</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.5300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0257					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.0000e-004	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005			0.0159	0.0159	4.0000e-005	0.0169
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>			<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>	<b>0.0169</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Murrieta Road Transmission Pipeline Project- Alternative Alignment - Riverside-South Coast County, Summer

**Murrieta Road Transmission Pipeline Project- Alternative Alignment  
Riverside-South Coast County, Summer**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	72.60	1000sqft	1.67	72,600.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - ..

Land Use - .

Construction Phase - .

Off-road Equipment - .

Off-road Equipment - .

Off-road Equipment - projections based on equipment data request

Trips and VMT - .

Demolition - .

Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	173.00
tblConstructionPhase	PhaseEndDate	4/28/2020	3/31/2021
tblConstructionPhase	PhaseEndDate	5/12/2020	3/31/2021
tblConstructionPhase	PhaseEndDate	4/28/2020	3/31/2021
tblConstructionPhase	PhaseStartDate	4/29/2020	8/1/2020
tblConstructionPhase	PhaseStartDate	4/29/2020	4/1/2020
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	750.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction (Maximum Daily Emission)

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0322	29.3184	28.1986	0.0497	0.6830	1.5693	2.2523	0.1668	1.4606	1.6275	0.0000	4,823.7723	4,823.7723	1.1965	0.0000	4,853.6847
2021	2.7737	26.6213	27.8489	0.0495	0.8062	1.3651	2.1713	0.1971	1.2707	1.4678	0.0000	4,808.9798	4,808.9798	1.1916	0.0000	4,838.7690
<b>Maximum</b>	<b>3.0322</b>	<b>29.3184</b>	<b>28.1986</b>	<b>0.0497</b>	<b>0.8062</b>	<b>1.5693</b>	<b>2.2523</b>	<b>0.1971</b>	<b>1.4606</b>	<b>1.6275</b>	<b>0.0000</b>	<b>4,823.7723</b>	<b>4,823.7723</b>	<b>1.1965</b>	<b>0.0000</b>	<b>4,853.6847</b>

**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	3.0322	29.3184	28.1986	0.0497	0.6154	1.5693	2.1847	0.1566	1.4606	1.6172	0.0000	4,823.7723	4,823.7723	1.1965	0.0000	4,853.6847
2021	2.7737	26.6213	27.8489	0.0495	0.7386	1.3651	2.1036	0.1868	1.2707	1.4575	0.0000	4,808.9798	4,808.9798	1.1916	0.0000	4,838.7690
Maximum	3.0322	29.3184	28.1986	0.0497	0.7386	1.5693	2.1847	0.1868	1.4606	1.6172	0.0000	4,823.7723	4,823.7723	1.1965	0.0000	4,853.6847

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	9.08	0.00	3.06	5.63	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0319	7.0000e-005	7.4400e-003	0.0000	0.0000	3.0000e-005	3.0000e-005	0.0000	3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005	0.0000	0.0169

**Mitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>	<b>0.0000</b>	<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>	<b>0.0000</b>	<b>0.0169</b>

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

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2020	3/31/2021	5	261	
2	Trenching	Trenching	4/1/2020	3/31/2021	5	261	
3	Paving	Paving	8/1/2020	3/31/2021	5	173	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 1.67

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

#### OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor



Category	lb/day										lb/day					
Fugitive Dust					0.1109	0.0000	0.1109	0.0168	0.0000	0.0168			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431		1,194.2017	1,194.2017	0.2321		1,200.0040
<b>Total</b>	<b>0.8372</b>	<b>7.5089</b>	<b>8.2460</b>	<b>0.0125</b>	<b>0.1109</b>	<b>0.4644</b>	<b>0.5753</b>	<b>0.0168</b>	<b>0.4431</b>	<b>0.4599</b>		<b>1,194.2017</b>	<b>1,194.2017</b>	<b>0.2321</b>		<b>1,200.0040</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6200e-003	0.1207	0.0149	3.9000e-004	0.0111	3.8000e-004	0.0115	2.9800e-003	3.7000e-004	3.3500e-003		41.1621	41.1621	2.4500e-003		41.2234
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0407	0.0241	0.3226	8.8000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		88.1276	88.1276	2.2600e-003		88.1840
<b>Total</b>	<b>0.0433</b>	<b>0.1447</b>	<b>0.3375</b>	<b>1.2700e-003</b>	<b>0.1005</b>	<b>9.2000e-004</b>	<b>0.1015</b>	<b>0.0267</b>	<b>8.7000e-004</b>	<b>0.0276</b>		<b>129.2897</b>	<b>129.2897</b>	<b>4.7100e-003</b>		<b>129.4075</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003			0.0000			0.0000
Off-Road	0.8372	7.5089	8.2460	0.0125		0.4644	0.4644		0.4431	0.4431	0.0000	1,194.2017	1,194.2017	0.2321		1,200.0040



Total	0.8372	7.5089	8.2460	0.0125	0.0432	0.4644	0.5076	6.5500e-003	0.4431	0.4496	0.0000	1,194.2017	1,194.2017	0.2321		1,200.0040
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**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.6200e-003	0.1207	0.0149	3.9000e-004	0.0111	3.8000e-004	0.0115	2.9800e-003	3.7000e-004	3.3500e-003		41.1621	41.1621	2.4500e-003		41.2234
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0407	0.0241	0.3226	8.8000e-004	0.0894	5.4000e-004	0.0900	0.0237	5.0000e-004	0.0242		88.1276	88.1276	2.2600e-003		88.1840
<b>Total</b>	<b>0.0433</b>	<b>0.1447</b>	<b>0.3375</b>	<b>1.2700e-003</b>	<b>0.1005</b>	<b>9.2000e-004</b>	<b>0.1015</b>	<b>0.0267</b>	<b>8.7000e-004</b>	<b>0.0276</b>		<b>129.2897</b>	<b>129.2897</b>	<b>4.7100e-003</b>		<b>129.4075</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1109	0.0000	0.1109	0.0168	0.0000	0.0168			0.0000			0.0000
Off-Road	0.7594	6.8295	8.1945	0.0125		0.3967	0.3967		0.3788	0.3788		1,194.4648	1,194.4648	0.2291		1,200.1910
<b>Total</b>	<b>0.7594</b>	<b>6.8295</b>	<b>8.1945</b>	<b>0.0125</b>	<b>0.1109</b>	<b>0.3967</b>	<b>0.5075</b>	<b>0.0168</b>	<b>0.3788</b>	<b>0.3956</b>		<b>1,194.4648</b>	<b>1,194.4648</b>	<b>0.2291</b>		<b>1,200.1910</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	2.4800e-003	0.1108	0.0146	3.8000e-004	0.0297	3.4000e-004	0.0300	7.5300e-003	3.2000e-004	7.8600e-003		40.7324	40.7324	2.3700e-003		40.7916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0379	0.0216	0.2958	8.5000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242		85.1801	85.1801	2.0300e-003		85.2309
<b>Total</b>	<b>0.0404</b>	<b>0.1324</b>	<b>0.3103</b>	<b>1.2300e-003</b>	<b>0.1191</b>	<b>8.7000e-004</b>	<b>0.1199</b>	<b>0.0312</b>	<b>8.1000e-004</b>	<b>0.0321</b>		<b>125.9125</b>	<b>125.9125</b>	<b>4.4000e-003</b>		<b>126.0224</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0432	0.0000	0.0432	6.5500e-003	0.0000	6.5500e-003			0.0000			0.0000
Off-Road	0.7594	6.8295	8.1945	0.0125		0.3967	0.3967		0.3788	0.3788	0.0000	1,194.4648	1,194.4648	0.2291		1,200.1910
<b>Total</b>	<b>0.7594</b>	<b>6.8295</b>	<b>8.1945</b>	<b>0.0125</b>	<b>0.0432</b>	<b>0.3967</b>	<b>0.4399</b>	<b>6.5500e-003</b>	<b>0.3788</b>	<b>0.3853</b>	<b>0.0000</b>	<b>1,194.4648</b>	<b>1,194.4648</b>	<b>0.2291</b>		<b>1,200.1910</b>

**Mitigated Construction Off-Site**

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

Hauling	2.4800e-003	0.1108	0.0146	3.8000e-004	0.0297	3.4000e-004	0.0300	7.5300e-003	3.2000e-004	7.8600e-003		40.7324	40.7324	2.3700e-003		40.7916
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0379	0.0216	0.2958	8.5000e-004	0.0894	5.3000e-004	0.0900	0.0237	4.9000e-004	0.0242		85.1801	85.1801	2.0300e-003		85.2309
<b>Total</b>	<b>0.0404</b>	<b>0.1324</b>	<b>0.3103</b>	<b>1.2300e-003</b>	<b>0.1191</b>	<b>8.7000e-004</b>	<b>0.1199</b>	<b>0.0312</b>	<b>8.1000e-004</b>	<b>0.0321</b>		<b>125.9125</b>	<b>125.9125</b>	<b>4.4000e-003</b>		<b>126.0224</b>

### 3.3 Trenching - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e	
Category	lb/day										lb/day						
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781		1,607.6947	1,607.6947	0.5200			1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>		<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>			<b>1,620.6938</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0148	0.6804	0.0840	2.1900e-003	0.0626	2.1700e-003	0.0648	0.0168	2.0700e-003	0.0189		232.1170	232.1170	0.0138		232.4629
Vendor	0.0112	0.4116	0.0753	1.0400e-003	0.0256	2.3400e-003	0.0280	7.3700e-003	2.2400e-003	9.6100e-003		110.1564	110.1564	8.2600e-003		110.3629
Worker	0.0509	0.0301	0.4032	1.1100e-003	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		110.1595	110.1595	2.8200e-003		110.2301
<b>Total</b>	<b>0.0768</b>	<b>1.1221</b>	<b>0.5625</b>	<b>4.3400e-003</b>	<b>0.2000</b>	<b>5.1900e-003</b>	<b>0.2052</b>	<b>0.0538</b>	<b>4.9300e-003</b>	<b>0.0588</b>		<b>452.4329</b>	<b>452.4329</b>	<b>0.0249</b>		<b>453.0558</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.1432	12.0522	9.6527	0.0166		0.6284	0.6284		0.5781	0.5781	0.0000	1,607.6947	1,607.6947	0.5200		1,620.6938
<b>Total</b>	<b>1.1432</b>	<b>12.0522</b>	<b>9.6527</b>	<b>0.0166</b>		<b>0.6284</b>	<b>0.6284</b>		<b>0.5781</b>	<b>0.5781</b>	<b>0.0000</b>	<b>1,607.6947</b>	<b>1,607.6947</b>	<b>0.5200</b>		<b>1,620.6938</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0148	0.6804	0.0840	2.1900e-003	0.0626	2.1700e-003	0.0648	0.0168	2.0700e-003	0.0189		232.1170	232.1170	0.0138		232.4629
Vendor	0.0112	0.4116	0.0753	1.0400e-003	0.0256	2.3400e-003	0.0280	7.3700e-003	2.2400e-003	9.6100e-003		110.1564	110.1564	8.2600e-003		110.3629
Worker	0.0509	0.0301	0.4032	1.1100e-003	0.1118	6.8000e-004	0.1125	0.0296	6.2000e-004	0.0303		110.1595	110.1595	2.8200e-003		110.2301
<b>Total</b>	<b>0.0768</b>	<b>1.1221</b>	<b>0.5625</b>	<b>4.3400e-003</b>	<b>0.2000</b>	<b>5.1900e-003</b>	<b>0.2052</b>	<b>0.0538</b>	<b>4.9300e-003</b>	<b>0.0588</b>		<b>452.4329</b>	<b>452.4329</b>	<b>0.0249</b>		<b>453.0558</b>

**3.3 Trenching - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0424	10.8604	9.4886	0.0166		0.5481	0.5481		0.5043	0.5043		1,607.8490	1,607.8490	0.5200		1,620.8492
<b>Total</b>	<b>1.0424</b>	<b>10.8604</b>	<b>9.4886</b>	<b>0.0166</b>		<b>0.5481</b>	<b>0.5481</b>		<b>0.5043</b>	<b>0.5043</b>		<b>1,607.8490</b>	<b>1,607.8490</b>	<b>0.5200</b>		<b>1,620.8492</b>

### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6246	0.0821	2.1600e-003	0.1672	1.9000e-003	0.1691	0.0425	1.8200e-003	0.0443		229.6940	229.6940	0.0133		230.0275
Vendor	9.3400e-003	0.3702	0.0660	1.0400e-003	0.0256	7.0000e-004	0.0263	7.3700e-003	6.7000e-004	8.0500e-003		109.3004	109.3004	7.8200e-003		109.4959
Worker	0.0474	0.0270	0.3697	1.0700e-003	0.1118	6.6000e-004	0.1124	0.0296	6.1000e-004	0.0303		106.4751	106.4751	2.5400e-003		106.5386
<b>Total</b>	<b>0.0707</b>	<b>1.0218</b>	<b>0.5179</b>	<b>4.2700e-003</b>	<b>0.3046</b>	<b>3.2600e-003</b>	<b>0.3079</b>	<b>0.0795</b>	<b>3.1000e-003</b>	<b>0.0826</b>		<b>445.4695</b>	<b>445.4695</b>	<b>0.0237</b>		<b>446.0620</b>

### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.0424	10.8604	9.4886	0.0166		0.5481	0.5481		0.5043	0.5043	0.0000	1,607.8490	1,607.8490	0.5200		1,620.8492

Total	1.0424	10.8604	9.4886	0.0166		0.5481	0.5481		0.5043	0.5043	0.0000	1,607.8490	1,607.8490	0.5200		1,620.8492
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### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0140	0.6246	0.0821	2.1600e-003	0.1672	1.9000e-003	0.1691	0.0425	1.8200e-003	0.0443		229.6940	229.6940	0.0133		230.0275
Vendor	9.3400e-003	0.3702	0.0660	1.0400e-003	0.0256	7.0000e-004	0.0263	7.3700e-003	6.7000e-004	8.0500e-003		109.3004	109.3004	7.8200e-003		109.4959
Worker	0.0474	0.0270	0.3697	1.0700e-003	0.1118	6.6000e-004	0.1124	0.0296	6.1000e-004	0.0303		106.4751	106.4751	2.5400e-003		106.5386
<b>Total</b>	<b>0.0707</b>	<b>1.0218</b>	<b>0.5179</b>	<b>4.2700e-003</b>	<b>0.3046</b>	<b>3.2600e-003</b>	<b>0.3079</b>	<b>0.0795</b>	<b>3.1000e-003</b>	<b>0.0826</b>		<b>445.4695</b>	<b>445.4695</b>	<b>0.0237</b>		<b>446.0620</b>

### 3.4 Paving - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328		1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8655</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>		<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0662	0.0391	0.5242	1.4400e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		143.2073	143.2073	3.6700e-003		143.2991
<b>Total</b>	<b>0.0662</b>	<b>0.0391</b>	<b>0.5242</b>	<b>1.4400e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>143.2073</b>	<b>143.2073</b>	<b>3.6700e-003</b>		<b>143.2991</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.8402	8.4514	8.8758	0.0135		0.4695	0.4695		0.4328	0.4328	0.0000	1,296.9461	1,296.9461	0.4111		1,307.2246
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.8655</b>	<b>8.4514</b>	<b>8.8758</b>	<b>0.0135</b>		<b>0.4695</b>	<b>0.4695</b>		<b>0.4328</b>	<b>0.4328</b>	<b>0.0000</b>	<b>1,296.9461</b>	<b>1,296.9461</b>	<b>0.4111</b>		<b>1,307.2246</b>

**Mitigated Construction Off-Site**

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

Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0662	0.0391	0.5242	1.4400e-003	0.2716	8.8000e-004	0.2725	0.0695	8.1000e-004	0.0704		143.2073	143.2073	3.6700e-003		143.2991
<b>Total</b>	<b>0.0662</b>	<b>0.0391</b>	<b>0.5242</b>	<b>1.4400e-003</b>	<b>0.2716</b>	<b>8.8000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>8.1000e-004</b>	<b>0.0704</b>		<b>143.2073</b>	<b>143.2073</b>	<b>3.6700e-003</b>		<b>143.2991</b>

### 3.4 Paving - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830		1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7992</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>		<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0351	0.4806	1.3900e-003	0.2716	8.6000e-004	0.2725	0.0695	7.9000e-004	0.0703		138.4176	138.4176	3.3000e-003		138.5001
<b>Total</b>	<b>0.0616</b>	<b>0.0351</b>	<b>0.4806</b>	<b>1.3900e-003</b>	<b>0.2716</b>	<b>8.6000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>7.9000e-004</b>	<b>0.0703</b>		<b>138.4176</b>	<b>138.4176</b>	<b>3.3000e-003</b>		<b>138.5001</b>



### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.7739	7.7422	8.8569	0.0135		0.4153	0.4153		0.3830	0.3830	0.0000	1,296.8664	1,296.8664	0.4111		1,307.1442
Paving	0.0253					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
<b>Total</b>	<b>0.7992</b>	<b>7.7422</b>	<b>8.8569</b>	<b>0.0135</b>		<b>0.4153</b>	<b>0.4153</b>		<b>0.3830</b>	<b>0.3830</b>	<b>0.0000</b>	<b>1,296.8664</b>	<b>1,296.8664</b>	<b>0.4111</b>		<b>1,307.1442</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0616	0.0351	0.4806	1.3900e-003	0.2716	8.6000e-004	0.2725	0.0695	7.9000e-004	0.0703		138.4176	138.4176	3.3000e-003		138.5001
<b>Total</b>	<b>0.0616</b>	<b>0.0351</b>	<b>0.4806</b>	<b>1.3900e-003</b>	<b>0.2716</b>	<b>8.6000e-004</b>	<b>0.2725</b>	<b>0.0695</b>	<b>7.9000e-004</b>	<b>0.0703</b>		<b>138.4176</b>	<b>138.4176</b>	<b>3.3000e-003</b>		<b>138.5001</b>

## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

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

#### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
Total	0.00	0.00	0.00		

#### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

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

## 5.2 Energy by Land Use - NaturalGas

### Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

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

Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 6.0 Area Detail

### 6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
Unmitigated	0.0319	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169

### 6.2 Area by SubCategory

#### Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.5300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0257					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000

Landscaping	7.0000e-004	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005		0.0159	0.0159	4.0000e-005		0.0169
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>		<b>0.0169</b>

**Mitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	5.5300e-003					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.0257					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	7.0000e-004	7.0000e-005	7.4400e-003	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005			0.0159	0.0159	4.0000e-005	0.0169
<b>Total</b>	<b>0.0319</b>	<b>7.0000e-005</b>	<b>7.4400e-003</b>	<b>0.0000</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>		<b>3.0000e-005</b>	<b>3.0000e-005</b>			<b>0.0159</b>	<b>0.0159</b>	<b>4.0000e-005</b>	<b>0.0169</b>

**7.0 Water Detail**

**7.1 Mitigation Measures Water**

**8.0 Waste Detail**

**8.1 Mitigation Measures Waste**

**9.0 Operational Offroad**

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

**Fire Pumps and Emergency Generators**

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

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

Equipment Type	Number
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**11.0 Vegetation**

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Murrieta Road Transmission Pipeline Project- Preferred Alignment - Riverside-South Coast County, Annual

**Murrieta Road Transmission Pipeline Project- Preferred Alignment  
Riverside-South Coast County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	43.50	1000sqft	1.00	43,500.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

Project Characteristics - ..

Land Use - .

Construction Phase - .

Off-road Equipment - .

Off-road Equipment - projections based on equipment data request

Off-road Equipment - .

Demolition - .

Trips and VMT - .

Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	10.00	153.00
tblConstructionPhase	NumDays	5.00	110.00
tblConstructionPhase	PhaseEndDate	4/14/2020	10/31/2020
tblConstructionPhase	PhaseEndDate	4/17/2020	10/31/2020
tblConstructionPhase	PhaseEndDate	4/15/2020	10/31/2020
tblConstructionPhase	PhaseStartDate	4/16/2020	6/1/2020
tblConstructionPhase	PhaseStartDate	4/15/2020	4/1/2020
tblOffRoadEquipment	OffRoadEquipmentType	Graders	Excavators
tblOffRoadEquipment	OffRoadEquipmentType		Cranes
tblOffRoadEquipment	OffRoadEquipmentType		Other General Industrial Equipment
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	449.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2109	2.0639	1.9439	3.4600e-003	0.0450	0.1099	0.1549	0.0109	0.1024	0.1133	0.0000	305.1027	305.1027	0.0750	0.0000	306.9775
Maximum	0.2109	2.0639	1.9439	3.4600e-003	0.0450	0.1099	0.1549	0.0109	0.1024	0.1133	0.0000	305.1027	305.1027	0.0750	0.0000	306.9775



**Mitigated Construction**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2109	2.0639	1.9439	3.4600e-003	0.0397	0.1099	0.1496	0.0101	0.1024	0.1125	0.0000	305.1024	305.1024	0.0750	0.0000	306.9772
Maximum	0.2109	2.0639	1.9439	3.4600e-003	0.0397	0.1099	0.1496	0.0101	0.1024	0.1125	0.0000	305.1024	305.1024	0.0750	0.0000	306.9772

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	11.76	0.00	3.41	7.34	0.00	0.71	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	4-1-2020	6-30-2020	0.8467	0.8467
2	7-1-2020	9-30-2020	1.0635	1.0635
		Highest	1.0635	1.0635

**2.2 Overall Operational**

**Unmitigated Operational**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.4700e-003	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0800e-003	1.0800e-003	0.0000	0.0000	1.1500e-003

Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.4700e-003</b>	<b>1.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0800e-003</b>	<b>1.0800e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1500e-003</b>

### Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	3.4700e-003	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0800e-003	1.0800e-003	0.0000	0.0000	1.1500e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>3.4700e-003</b>	<b>1.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0800e-003</b>	<b>1.0800e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1500e-003</b>

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

### 3.0 Construction Detail

#### Construction Phase





Worker	2.8100e-003	1.9700e-003	0.0210	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	5.6279	5.6279	1.4000e-004	0.0000	5.6314
<b>Total</b>	<b>3.0200e-003</b>	<b>0.0117</b>	<b>0.0223</b>	<b>9.0000e-005</b>	<b>7.4200e-003</b>	<b>7.0000e-005</b>	<b>7.4900e-003</b>	<b>1.9800e-003</b>	<b>7.0000e-005</b>	<b>2.0400e-003</b>	<b>0.0000</b>	<b>8.5283</b>	<b>8.5283</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>8.5364</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					3.3800e-003	0.0000	3.3800e-003	5.1000e-004	0.0000	5.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0641	0.5744	0.6308	9.5000e-004		0.0355	0.0355		0.0339	0.0339	0.0000	82.8771	82.8771	0.0161	0.0000	83.2797
<b>Total</b>	<b>0.0641</b>	<b>0.5744</b>	<b>0.6308</b>	<b>9.5000e-004</b>	<b>3.3800e-003</b>	<b>0.0355</b>	<b>0.0389</b>	<b>5.1000e-004</b>	<b>0.0339</b>	<b>0.0344</b>	<b>0.0000</b>	<b>82.8771</b>	<b>82.8771</b>	<b>0.0161</b>	<b>0.0000</b>	<b>83.2797</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1000e-004	9.7000e-003	1.2500e-003	3.0000e-005	6.9000e-004	3.0000e-005	7.2000e-004	1.9000e-004	3.0000e-005	2.2000e-004	0.0000	2.9004	2.9004	1.8000e-004	0.0000	2.9049
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8100e-003	1.9700e-003	0.0210	6.0000e-005	6.7300e-003	4.0000e-005	6.7700e-003	1.7900e-003	4.0000e-005	1.8200e-003	0.0000	5.6279	5.6279	1.4000e-004	0.0000	5.6314
<b>Total</b>	<b>3.0200e-003</b>	<b>0.0117</b>	<b>0.0223</b>	<b>9.0000e-005</b>	<b>7.4200e-003</b>	<b>7.0000e-005</b>	<b>7.4900e-003</b>	<b>1.9800e-003</b>	<b>7.0000e-005</b>	<b>2.0400e-003</b>	<b>0.0000</b>	<b>8.5283</b>	<b>8.5283</b>	<b>3.2000e-004</b>	<b>0.0000</b>	<b>8.5364</b>

**3.3 Trenching - 2020**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0875	0.9220	0.7384	1.2700e-003		0.0481	0.0481		0.0442	0.0442	0.0000	111.5734	111.5734	0.0361	0.0000	112.4756
<b>Total</b>	<b>0.0875</b>	<b>0.9220</b>	<b>0.7384</b>	<b>1.2700e-003</b>		<b>0.0481</b>	<b>0.0481</b>		<b>0.0442</b>	<b>0.0442</b>	<b>0.0000</b>	<b>111.5734</b>	<b>111.5734</b>	<b>0.0361</b>	<b>0.0000</b>	<b>112.4756</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1800e-003	0.0544	7.0400e-003	1.7000e-004	3.8700e-003	1.7000e-004	4.0400e-003	1.0600e-003	1.6000e-004	1.2300e-003	0.0000	16.2784	16.2784	1.0200e-003	0.0000	16.3039
Vendor	8.7000e-004	0.0318	6.2300e-003	8.0000e-005	1.9300e-003	1.8000e-004	2.1100e-003	5.6000e-004	1.7000e-004	7.3000e-004	0.0000	7.5242	7.5242	6.0000e-004	0.0000	7.5392
Worker	3.5200e-003	2.4600e-003	0.0263	8.0000e-005	8.4100e-003	5.0000e-005	8.4600e-003	2.2300e-003	5.0000e-005	2.2800e-003	0.0000	7.0349	7.0349	1.8000e-004	0.0000	7.0393
<b>Total</b>	<b>5.5700e-003</b>	<b>0.0887</b>	<b>0.0396</b>	<b>3.3000e-004</b>	<b>0.0142</b>	<b>4.0000e-004</b>	<b>0.0146</b>	<b>3.8500e-003</b>	<b>3.8000e-004</b>	<b>4.2400e-003</b>	<b>0.0000</b>	<b>30.8374</b>	<b>30.8374</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>30.8824</b>

**Mitigated Construction On-Site**

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

Off-Road	0.0875	0.9220	0.7384	1.2700e-003		0.0481	0.0481		0.0442	0.0442	0.0000	111.5733	111.5733	0.0361	0.0000	112.4754
<b>Total</b>	<b>0.0875</b>	<b>0.9220</b>	<b>0.7384</b>	<b>1.2700e-003</b>		<b>0.0481</b>	<b>0.0481</b>		<b>0.0442</b>	<b>0.0442</b>	<b>0.0000</b>	<b>111.5733</b>	<b>111.5733</b>	<b>0.0361</b>	<b>0.0000</b>	<b>112.4754</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1800e-003	0.0544	7.0400e-003	1.7000e-004	3.8700e-003	1.7000e-004	4.0400e-003	1.0600e-003	1.6000e-004	1.2300e-003	0.0000	16.2784	16.2784	1.0200e-003	0.0000	16.3039
Vendor	8.7000e-004	0.0318	6.2300e-003	8.0000e-005	1.9300e-003	1.8000e-004	2.1100e-003	5.6000e-004	1.7000e-004	7.3000e-004	0.0000	7.5242	7.5242	6.0000e-004	0.0000	7.5392
Worker	3.5200e-003	2.4600e-003	0.0263	8.0000e-005	8.4100e-003	5.0000e-005	8.4600e-003	2.2300e-003	5.0000e-005	2.2800e-003	0.0000	7.0349	7.0349	1.8000e-004	0.0000	7.0393
<b>Total</b>	<b>5.5700e-003</b>	<b>0.0887</b>	<b>0.0396</b>	<b>3.3000e-004</b>	<b>0.0142</b>	<b>4.0000e-004</b>	<b>0.0146</b>	<b>3.8500e-003</b>	<b>3.8000e-004</b>	<b>4.2400e-003</b>	<b>0.0000</b>	<b>30.8374</b>	<b>30.8374</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>30.8824</b>

### 3.4 Paving - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0462	0.4648	0.4882	7.4000e-004		0.0258	0.0258		0.0238	0.0238	0.0000	64.7113	64.7113	0.0205	0.0000	65.2242
Paving	1.3100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0475</b>	<b>0.4648</b>	<b>0.4882</b>	<b>7.4000e-004</b>		<b>0.0258</b>	<b>0.0258</b>		<b>0.0238</b>	<b>0.0238</b>	<b>0.0000</b>	<b>64.7113</b>	<b>64.7113</b>	<b>0.0205</b>	<b>0.0000</b>	<b>65.2242</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2900e-003	2.3000e-003	0.0246	7.0000e-005	0.0147	5.0000e-005	0.0147	3.7600e-003	4.0000e-005	3.8000e-003	0.0000	6.5751	6.5751	1.6000e-004	0.0000	6.5792
<b>Total</b>	<b>3.2900e-003</b>	<b>2.3000e-003</b>	<b>0.0246</b>	<b>7.0000e-005</b>	<b>0.0147</b>	<b>5.0000e-005</b>	<b>0.0147</b>	<b>3.7600e-003</b>	<b>4.0000e-005</b>	<b>3.8000e-003</b>	<b>0.0000</b>	<b>6.5751</b>	<b>6.5751</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>6.5792</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0462	0.4648	0.4882	7.4000e-004		0.0258	0.0258		0.0238	0.0238	0.0000	64.7113	64.7113	0.0205	0.0000	65.2241
Paving	1.3100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0475</b>	<b>0.4648</b>	<b>0.4882</b>	<b>7.4000e-004</b>		<b>0.0258</b>	<b>0.0258</b>		<b>0.0238</b>	<b>0.0238</b>	<b>0.0000</b>	<b>64.7113</b>	<b>64.7113</b>	<b>0.0205</b>	<b>0.0000</b>	<b>65.2241</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
	Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2900e-003	2.3000e-003	0.0246	7.0000e-005	0.0147	5.0000e-005	0.0147	3.7600e-003	4.0000e-005	3.8000e-003	0.0000	6.5751	6.5751	1.6000e-004	0.0000	6.5792
<b>Total</b>	<b>3.2900e-003</b>	<b>2.3000e-003</b>	<b>0.0246</b>	<b>7.0000e-005</b>	<b>0.0147</b>	<b>5.0000e-005</b>	<b>0.0147</b>	<b>3.7600e-003</b>	<b>4.0000e-005</b>	<b>3.8000e-003</b>	<b>0.0000</b>	<b>6.5751</b>	<b>6.5751</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>6.5792</b>

## 4.0 Operational Detail - Mobile

### 4.1 Mitigation Measures Mobile

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

### 4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Other Asphalt Surfaces	0.00	0.00	0.00		
<b>Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		

### 4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0

#### 4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Other Asphalt Surfaces	0.542116	0.037578	0.185203	0.118503	0.016241	0.005141	0.017392	0.068695	0.001383	0.001183	0.004582	0.000945	0.001038

#### 5.0 Energy Detail

Historical Energy Use: N

#### 5.1 Mitigation Measures Energy

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

#### 5.2 Energy by Land Use - NaturalGas

##### Unmitigated

NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.4700e-003	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0800e-003	1.0800e-003	0.0000	0.0000	1.1500e-003
Unmitigated	3.4700e-003	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0800e-003	1.0800e-003	0.0000	0.0000	1.1500e-003

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0800e-003	1.0800e-003	0.0000	0.0000	1.1500e-003
<b>Total</b>	<b>3.4600e-003</b>	<b>1.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0800e-003</b>	<b>1.0800e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1500e-003</b>

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	6.0000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	2.8100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	5.0000e-005	1.0000e-005	5.6000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.0800e-003	1.0800e-003	0.0000	0.0000	1.1500e-003
<b>Total</b>	<b>3.4600e-003</b>	<b>1.0000e-005</b>	<b>5.6000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.0800e-003</b>	<b>1.0800e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.1500e-003</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

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

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			

Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

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

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 9.0 Operational Offroad

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

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### Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
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## 11.0 Vegetation

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Murrieta Road Transmission Pipeline Project- Alternative Alignment - Riverside-South Coast County, Annual

**Murrieta Road Transmission Pipeline Project- Alternative Alignment  
Riverside-South Coast County, Annual**

**1.0 Project Characteristics**

**1.1 Land Usage**

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Other Asphalt Surfaces	72.60	1000sqft	1.67	72,600.00	0

**1.2 Other Project Characteristics**

<b>Urbanization</b>	Urban	<b>Wind Speed (m/s)</b>	2.4	<b>Precipitation Freq (Days)</b>	28
<b>Climate Zone</b>	10			<b>Operational Year</b>	2021
<b>Utility Company</b>	Southern California Edison				
<b>CO2 Intensity (lb/MW hr)</b>	702.44	<b>CH4 Intensity (lb/MW hr)</b>	0.029	<b>N2O Intensity (lb/MW hr)</b>	0.006

**1.3 User Entered Comments & Non-Default Data**

- Project Characteristics - ..
- Land Use - .
- Construction Phase - .
- Off-road Equipment - .
- Off-road Equipment - .
- Off-road Equipment - projections based on equipment data request
- Trips and VMT - .
- Demolition - .
- Energy Use -

Construction Off-road Equipment Mitigation -

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	20.00	261.00
tblConstructionPhase	NumDays	10.00	173.00
tblConstructionPhase	PhaseEndDate	4/28/2020	3/31/2021
tblConstructionPhase	PhaseEndDate	5/12/2020	3/31/2021
tblConstructionPhase	PhaseEndDate	4/28/2020	3/31/2021
tblConstructionPhase	PhaseStartDate	4/29/2020	8/1/2020
tblConstructionPhase	PhaseStartDate	4/29/2020	4/1/2020
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	2.00
tblTripsAndVMT	HaulingTripNumber	0.00	750.00
tblTripsAndVMT	VendorTripNumber	0.00	4.00
tblTripsAndVMT	WorkerTripNumber	13.00	0.00

## 2.0 Emissions Summary

### 2.1 Overall Construction

#### Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.2565	2.5171	2.3506	4.2100e-003	0.0546	0.1339	0.1885	0.0132	0.1248	0.1380	0.0000	371.1647	371.1647	0.0904	0.0000	373.4245
2021	0.0883	0.8527	0.8861	1.5700e-003	0.0254	0.0437	0.0691	6.2100e-003	0.0407	0.0469	0.0000	138.7067	138.7067	0.0346	0.0000	139.5716
<b>Maximum</b>	<b>0.2565</b>	<b>2.5171</b>	<b>2.3506</b>	<b>4.2100e-003</b>	<b>0.0546</b>	<b>0.1339</b>	<b>0.1885</b>	<b>0.0132</b>	<b>0.1248</b>	<b>0.1380</b>	<b>0.0000</b>	<b>371.1647</b>	<b>371.1647</b>	<b>0.0904</b>	<b>0.0000</b>	<b>373.4245</b>



Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>5.7900e-003</b>	<b>1.0000e-005</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.8000e-003</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.9200e-003</b>

### Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	5.7900e-003	1.0000e-005	9.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.8000e-003	1.8000e-003	0.0000	0.0000	1.9200e-003
Energy	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Mobile	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Waste						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Water						0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>5.7900e-003</b>	<b>1.0000e-005</b>	<b>9.3000e-004</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.8000e-003</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.9200e-003</b>

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

### 3.0 Construction Detail

#### Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2020	3/31/2021	5	261	

2	Trenching	Trenching	4/1/2020	3/31/2021	5	261
3	Paving	Paving	8/1/2020	3/31/2021	5	173

**Acres of Grading (Site Preparation Phase): 0**

**Acres of Grading (Grading Phase): 0**

**Acres of Paving: 1.67**

**Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0**

**OffRoad Equipment**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Rubber Tired Dozers	0	8.00	247	0.40
Demolition	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Trenching	Cranes	1	8.00	231	0.29
Trenching	Excavators	1	8.00	158	0.38
Trenching	Other General Industrial Equipment	1	8.00	88	0.34
Trenching	Rubber Tired Dozers	0	7.00	247	0.40
Trenching	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Paving	Cement and Mortar Mixers	1	6.00	9	0.56
Paving	Pavers	1	6.00	130	0.42
Paving	Paving Equipment	1	8.00	132	0.36
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	8.00	97	0.37

**Trips and VMT**

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	3	8.00	0.00	133.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	4	10.00	4.00	750.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	5	13.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

Paving	5	0.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
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### 3.1 Mitigation Measures Construction

Water Exposed Area

### 3.2 Demolition - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0109	0.0000	0.0109	1.6500e-003	0.0000	1.6500e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0825	0.7396	0.8122	1.2300e-003		0.0457	0.0457		0.0436	0.0436	0.0000	106.7111	106.7111	0.0207	0.0000	107.2296
<b>Total</b>	<b>0.0825</b>	<b>0.7396</b>	<b>0.8122</b>	<b>1.2300e-003</b>	<b>0.0109</b>	<b>0.0457</b>	<b>0.0567</b>	<b>1.6500e-003</b>	<b>0.0436</b>	<b>0.0453</b>	<b>0.0000</b>	<b>106.7111</b>	<b>106.7111</b>	<b>0.0207</b>	<b>0.0000</b>	<b>107.2296</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6000e-004	0.0122	1.5700e-003	4.0000e-005	1.0800e-003	4.0000e-005	1.1100e-003	2.9000e-004	4.0000e-005	3.3000e-004	0.0000	3.6395	3.6395	2.3000e-004	0.0000	3.6452
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6200e-003	2.5400e-003	0.0271	8.0000e-005	8.6600e-003	5.0000e-005	8.7100e-003	2.3000e-003	5.0000e-005	2.3500e-003	0.0000	7.2464	7.2464	1.8000e-004	0.0000	7.2509
<b>Total</b>	<b>3.8800e-003</b>	<b>0.0147</b>	<b>0.0287</b>	<b>1.2000e-004</b>	<b>9.7400e-003</b>	<b>9.0000e-005</b>	<b>9.8200e-003</b>	<b>2.5900e-003</b>	<b>9.0000e-005</b>	<b>2.6800e-003</b>	<b>0.0000</b>	<b>10.8859</b>	<b>10.8859</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>10.8961</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.2600e-003	0.0000	4.2600e-003	6.4000e-004	0.0000	6.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0825	0.7396	0.8122	1.2300e-003		0.0457	0.0457		0.0436	0.0436	0.0000	106.7110	106.7110	0.0207	0.0000	107.2295
<b>Total</b>	<b>0.0825</b>	<b>0.7396</b>	<b>0.8122</b>	<b>1.2300e-003</b>	<b>4.2600e-003</b>	<b>0.0457</b>	<b>0.0500</b>	<b>6.4000e-004</b>	<b>0.0436</b>	<b>0.0443</b>	<b>0.0000</b>	<b>106.7110</b>	<b>106.7110</b>	<b>0.0207</b>	<b>0.0000</b>	<b>107.2295</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.6000e-004	0.0122	1.5700e-003	4.0000e-005	1.0800e-003	4.0000e-005	1.1100e-003	2.9000e-004	4.0000e-005	3.3000e-004	0.0000	3.6395	3.6395	2.3000e-004	0.0000	3.6452
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6200e-003	2.5400e-003	0.0271	8.0000e-005	8.6600e-003	5.0000e-005	8.7100e-003	2.3000e-003	5.0000e-005	2.3500e-003	0.0000	7.2464	7.2464	1.8000e-004	0.0000	7.2509
<b>Total</b>	<b>3.8800e-003</b>	<b>0.0147</b>	<b>0.0287</b>	<b>1.2000e-004</b>	<b>9.7400e-003</b>	<b>9.0000e-005</b>	<b>9.8200e-003</b>	<b>2.5900e-003</b>	<b>9.0000e-005</b>	<b>2.6800e-003</b>	<b>0.0000</b>	<b>10.8859</b>	<b>10.8859</b>	<b>4.1000e-004</b>	<b>0.0000</b>	<b>10.8961</b>

**3.2 Demolition - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					3.5500e-003	0.0000	3.5500e-003	5.4000e-004	0.0000	5.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0243	0.2185	0.2622	4.0000e-004		0.0127	0.0127		0.0121	0.0121	0.0000	34.6752	34.6752	6.6500e-003	0.0000	34.8414
<b>Total</b>	<b>0.0243</b>	<b>0.2185</b>	<b>0.2622</b>	<b>4.0000e-004</b>	<b>3.5500e-003</b>	<b>0.0127</b>	<b>0.0162</b>	<b>5.4000e-004</b>	<b>0.0121</b>	<b>0.0127</b>	<b>0.0000</b>	<b>34.6752</b>	<b>34.6752</b>	<b>6.6500e-003</b>	<b>0.0000</b>	<b>34.8414</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	3.6200e-003	5.0000e-004	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	1.1700	1.1700	7.0000e-005	0.0000	1.1718
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.4000e-004	8.0600e-003	3.0000e-005	2.8100e-003	2.0000e-005	2.8300e-003	7.5000e-004	2.0000e-005	7.6000e-004	0.0000	2.2755	2.2755	5.0000e-005	0.0000	2.2768
<b>Total</b>	<b>1.1800e-003</b>	<b>4.3600e-003</b>	<b>8.5600e-003</b>	<b>4.0000e-005</b>	<b>3.7400e-003</b>	<b>3.0000e-005</b>	<b>3.7700e-003</b>	<b>9.9000e-004</b>	<b>3.0000e-005</b>	<b>1.0100e-003</b>	<b>0.0000</b>	<b>3.4454</b>	<b>3.4454</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>3.4485</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3800e-003	0.0000	1.3800e-003	2.1000e-004	0.0000	2.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0243	0.2185	0.2622	4.0000e-004		0.0127	0.0127		0.0121	0.0121	0.0000	34.6752	34.6752	6.6500e-003	0.0000	34.8414



Total	0.0243	0.2185	0.2622	4.0000e-004	1.3800e-003	0.0127	0.0141	2.1000e-004	0.0121	0.0123	0.0000	34.6752	34.6752	6.6500e-003	0.0000	34.8414
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### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	8.0000e-005	3.6200e-003	5.0000e-004	1.0000e-005	9.3000e-004	1.0000e-005	9.4000e-004	2.4000e-004	1.0000e-005	2.5000e-004	0.0000	1.1700	1.1700	7.0000e-005	0.0000	1.1718
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.1000e-003	7.4000e-004	8.0600e-003	3.0000e-005	2.8100e-003	2.0000e-005	2.8300e-003	7.5000e-004	2.0000e-005	7.6000e-004	0.0000	2.2755	2.2755	5.0000e-005	0.0000	2.2768
<b>Total</b>	<b>1.1800e-003</b>	<b>4.3600e-003</b>	<b>8.5600e-003</b>	<b>4.0000e-005</b>	<b>3.7400e-003</b>	<b>3.0000e-005</b>	<b>3.7700e-003</b>	<b>9.9000e-004</b>	<b>3.0000e-005</b>	<b>1.0100e-003</b>	<b>0.0000</b>	<b>3.4454</b>	<b>3.4454</b>	<b>1.2000e-004</b>	<b>0.0000</b>	<b>3.4485</b>

### 3.3 Trenching - 2020

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1126	1.1871	0.9508	1.6300e-003		0.0619	0.0619		0.0569	0.0569	0.0000	143.6599	143.6599	0.0465	0.0000	144.8215
<b>Total</b>	<b>0.1126</b>	<b>1.1871</b>	<b>0.9508</b>	<b>1.6300e-003</b>		<b>0.0619</b>	<b>0.0619</b>		<b>0.0569</b>	<b>0.0569</b>	<b>0.0000</b>	<b>143.6599</b>	<b>143.6599</b>	<b>0.0465</b>	<b>0.0000</b>	<b>144.8215</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4900e-003	0.0686	8.8800e-003	2.1000e-004	6.0700e-003	2.1000e-004	6.2900e-003	1.6300e-003	2.1000e-004	1.8400e-003	0.0000	20.5235	20.5235	1.2900e-003	0.0000	20.5557
Vendor	1.1200e-003	0.0410	8.0200e-003	1.0000e-004	2.4900e-003	2.3000e-004	2.7200e-003	7.2000e-004	2.2000e-004	9.4000e-004	0.0000	9.6880	9.6880	7.7000e-004	0.0000	9.7073
Worker	4.5300e-003	3.1700e-003	0.0339	1.0000e-004	0.0108	7.0000e-005	0.0109	2.8700e-003	6.0000e-005	2.9400e-003	0.0000	9.0580	9.0580	2.3000e-004	0.0000	9.0637
<b>Total</b>	<b>7.1400e-003</b>	<b>0.1128</b>	<b>0.0508</b>	<b>4.1000e-004</b>	<b>0.0194</b>	<b>5.1000e-004</b>	<b>0.0199</b>	<b>5.2200e-003</b>	<b>4.9000e-004</b>	<b>5.7200e-003</b>	<b>0.0000</b>	<b>39.2695</b>	<b>39.2695</b>	<b>2.2900e-003</b>	<b>0.0000</b>	<b>39.3266</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1126	1.1871	0.9508	1.6300e-003		0.0619	0.0619		0.0569	0.0569	0.0000	143.6597	143.6597	0.0465	0.0000	144.8213
<b>Total</b>	<b>0.1126</b>	<b>1.1871</b>	<b>0.9508</b>	<b>1.6300e-003</b>		<b>0.0619</b>	<b>0.0619</b>		<b>0.0569</b>	<b>0.0569</b>	<b>0.0000</b>	<b>143.6597</b>	<b>143.6597</b>	<b>0.0465</b>	<b>0.0000</b>	<b>144.8213</b>

**Mitigated Construction Off-Site**

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

Hauling	1.4900e-003	0.0686	8.8800e-003	2.1000e-004	6.0700e-003	2.1000e-004	6.2900e-003	1.6300e-003	2.1000e-004	1.8400e-003	0.0000	20.5235	20.5235	1.2900e-003	0.0000	20.5557
Vendor	1.1200e-003	0.0410	8.0200e-003	1.0000e-004	2.4900e-003	2.3000e-004	2.7200e-003	7.2000e-004	2.2000e-004	9.4000e-004	0.0000	9.6880	9.6880	7.7000e-004	0.0000	9.7073
Worker	4.5300e-003	3.1700e-003	0.0339	1.0000e-004	0.0108	7.0000e-005	0.0109	2.8700e-003	6.0000e-005	2.9400e-003	0.0000	9.0580	9.0580	2.3000e-004	0.0000	9.0637
<b>Total</b>	<b>7.1400e-003</b>	<b>0.1128</b>	<b>0.0508</b>	<b>4.1000e-004</b>	<b>0.0194</b>	<b>5.1000e-004</b>	<b>0.0199</b>	<b>5.2200e-003</b>	<b>4.9000e-004</b>	<b>5.7200e-003</b>	<b>0.0000</b>	<b>39.2695</b>	<b>39.2695</b>	<b>2.2900e-003</b>	<b>0.0000</b>	<b>39.3266</b>

### 3.3 Trenching - 2021

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3475	0.3036	5.3000e-004		0.0175	0.0175		0.0161	0.0161	0.0000	46.6757	46.6757	0.0151	0.0000	47.0531
<b>Total</b>	<b>0.0334</b>	<b>0.3475</b>	<b>0.3036</b>	<b>5.3000e-004</b>		<b>0.0175</b>	<b>0.0175</b>		<b>0.0161</b>	<b>0.0161</b>	<b>0.0000</b>	<b>46.6757</b>	<b>46.6757</b>	<b>0.0151</b>	<b>0.0000</b>	<b>47.0531</b>

#### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.6000e-004	0.0204	2.8200e-003	7.0000e-005	5.2600e-003	6.0000e-005	5.3200e-003	1.3400e-003	6.0000e-005	1.3900e-003	0.0000	6.5976	6.5976	4.0000e-004	0.0000	6.6077
Vendor	3.1000e-004	0.0119	2.3000e-003	3.0000e-005	8.1000e-004	2.0000e-005	8.3000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	3.1229	3.1229	2.4000e-004	0.0000	3.1288
Worker	1.3700e-003	9.2000e-004	0.0101	3.0000e-005	3.5200e-003	2.0000e-005	3.5400e-003	9.3000e-004	2.0000e-005	9.5000e-004	0.0000	2.8443	2.8443	7.0000e-005	0.0000	2.8460
<b>Total</b>	<b>2.1400e-003</b>	<b>0.0333</b>	<b>0.0152</b>	<b>1.3000e-004</b>	<b>9.5900e-003</b>	<b>1.0000e-004</b>	<b>9.6900e-003</b>	<b>2.5000e-003</b>	<b>1.0000e-004</b>	<b>2.6000e-003</b>	<b>0.0000</b>	<b>12.5648</b>	<b>12.5648</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>12.5825</b>

### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0334	0.3475	0.3036	5.3000e-004		0.0175	0.0175		0.0161	0.0161	0.0000	46.6757	46.6757	0.0151	0.0000	47.0531
<b>Total</b>	<b>0.0334</b>	<b>0.3475</b>	<b>0.3036</b>	<b>5.3000e-004</b>		<b>0.0175</b>	<b>0.0175</b>		<b>0.0161</b>	<b>0.0161</b>	<b>0.0000</b>	<b>46.6757</b>	<b>46.6757</b>	<b>0.0151</b>	<b>0.0000</b>	<b>47.0531</b>

### Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	4.6000e-004	0.0204	2.8200e-003	7.0000e-005	5.2600e-003	6.0000e-005	5.3200e-003	1.3400e-003	6.0000e-005	1.3900e-003	0.0000	6.5976	6.5976	4.0000e-004	0.0000	6.6077
Vendor	3.1000e-004	0.0119	2.3000e-003	3.0000e-005	8.1000e-004	2.0000e-005	8.3000e-004	2.3000e-004	2.0000e-005	2.6000e-004	0.0000	3.1229	3.1229	2.4000e-004	0.0000	3.1288
Worker	1.3700e-003	9.2000e-004	0.0101	3.0000e-005	3.5200e-003	2.0000e-005	3.5400e-003	9.3000e-004	2.0000e-005	9.5000e-004	0.0000	2.8443	2.8443	7.0000e-005	0.0000	2.8460
<b>Total</b>	<b>2.1400e-003</b>	<b>0.0333</b>	<b>0.0152</b>	<b>1.3000e-004</b>	<b>9.5900e-003</b>	<b>1.0000e-004</b>	<b>9.6900e-003</b>	<b>2.5000e-003</b>	<b>1.0000e-004</b>	<b>2.6000e-003</b>	<b>0.0000</b>	<b>12.5648</b>	<b>12.5648</b>	<b>7.1000e-004</b>	<b>0.0000</b>	<b>12.5825</b>

### **3.4 Paving - 2020**

#### Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0458	0.4606	0.4837	7.4000e-004		0.0256	0.0256		0.0236	0.0236	0.0000	64.1231	64.1231	0.0203	0.0000	64.6312
Paving	1.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0472</b>	<b>0.4606</b>	<b>0.4837</b>	<b>7.4000e-004</b>		<b>0.0256</b>	<b>0.0256</b>		<b>0.0236</b>	<b>0.0236</b>	<b>0.0000</b>	<b>64.1231</b>	<b>64.1231</b>	<b>0.0203</b>	<b>0.0000</b>	<b>64.6312</b>

### Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2600e-003	2.2800e-003	0.0244	7.0000e-005	0.0145	5.0000e-005	0.0146	3.7300e-003	4.0000e-005	3.7700e-003	0.0000	6.5153	6.5153	1.6000e-004	0.0000	6.5194
<b>Total</b>	<b>3.2600e-003</b>	<b>2.2800e-003</b>	<b>0.0244</b>	<b>7.0000e-005</b>	<b>0.0145</b>	<b>5.0000e-005</b>	<b>0.0146</b>	<b>3.7300e-003</b>	<b>4.0000e-005</b>	<b>3.7700e-003</b>	<b>0.0000</b>	<b>6.5153</b>	<b>6.5153</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>6.5194</b>

### Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0458	0.4606	0.4837	7.4000e-004		0.0256	0.0256		0.0236	0.0236	0.0000	64.1230	64.1230	0.0203	0.0000	64.6312

Paving	1.3800e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0472</b>	<b>0.4606</b>	<b>0.4837</b>	<b>7.4000e-004</b>		<b>0.0256</b>	<b>0.0256</b>		<b>0.0236</b>	<b>0.0236</b>	<b>0.0000</b>	<b>64.1230</b>	<b>64.1230</b>	<b>0.0203</b>	<b>0.0000</b>	<b>64.6312</b>

**Mitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2600e-003	2.2800e-003	0.0244	7.0000e-005	0.0145	5.0000e-005	0.0146	3.7300e-003	4.0000e-005	3.7700e-003	0.0000	6.5153	6.5153	1.6000e-004	0.0000	6.5194
<b>Total</b>	<b>3.2600e-003</b>	<b>2.2800e-003</b>	<b>0.0244</b>	<b>7.0000e-005</b>	<b>0.0145</b>	<b>5.0000e-005</b>	<b>0.0146</b>	<b>3.7300e-003</b>	<b>4.0000e-005</b>	<b>3.7700e-003</b>	<b>0.0000</b>	<b>6.5153</b>	<b>6.5153</b>	<b>1.6000e-004</b>	<b>0.0000</b>	<b>6.5194</b>

**3.4 Paving - 2021**

**Unmitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.2478	0.2834	4.3000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	37.6479	37.6479	0.0119	0.0000	37.9463
Paving	8.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0256</b>	<b>0.2478</b>	<b>0.2834</b>	<b>4.3000e-004</b>		<b>0.0133</b>	<b>0.0133</b>		<b>0.0123</b>	<b>0.0123</b>	<b>0.0000</b>	<b>37.6479</b>	<b>37.6479</b>	<b>0.0119</b>	<b>0.0000</b>	<b>37.9463</b>

**Unmitigated Construction Off-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.7800e-003	1.2000e-003	0.0131	4.0000e-005	8.5400e-003	3.0000e-005	8.5600e-003	2.1900e-003	3.0000e-005	2.2100e-003	0.0000	3.6976	3.6976	9.0000e-005	0.0000	3.6998
<b>Total</b>	<b>1.7800e-003</b>	<b>1.2000e-003</b>	<b>0.0131</b>	<b>4.0000e-005</b>	<b>8.5400e-003</b>	<b>3.0000e-005</b>	<b>8.5600e-003</b>	<b>2.1900e-003</b>	<b>3.0000e-005</b>	<b>2.2100e-003</b>	<b>0.0000</b>	<b>3.6976</b>	<b>3.6976</b>	<b>9.0000e-005</b>	<b>0.0000</b>	<b>3.6998</b>

**Mitigated Construction On-Site**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0248	0.2478	0.2834	4.3000e-004		0.0133	0.0133		0.0123	0.0123	0.0000	37.6479	37.6479	0.0119	0.0000	37.9462
Paving	8.1000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>	<b>0.0256</b>	<b>0.2478</b>	<b>0.2834</b>	<b>4.3000e-004</b>		<b>0.0133</b>	<b>0.0133</b>		<b>0.0123</b>	<b>0.0123</b>	<b>0.0000</b>	<b>37.6479</b>	<b>37.6479</b>	<b>0.0119</b>	<b>0.0000</b>	<b>37.9462</b>

**Mitigated Construction Off-Site**

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







Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**5.3 Energy by Land Use - Electricity**

**Unmitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**Mitigated**

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

**6.0 Area Detail**

**6.1 Mitigation Measures Area**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	5.7900e-003	1.0000e-005	9.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.8000e-003	1.8000e-003	0.0000	0.0000	1.9200e-003
Unmitigated	5.7900e-003	1.0000e-005	9.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.8000e-003	1.8000e-003	0.0000	0.0000	1.9200e-003

**6.2 Area by SubCategory**

**Unmitigated**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.6900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.0000e-005	1.0000e-005	9.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.8000e-003	1.8000e-003	0.0000	0.0000	1.9200e-003
<b>Total</b>	<b>5.7900e-003</b>	<b>1.0000e-005</b>	<b>9.3000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.8000e-003</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.9200e-003</b>

### Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.0100e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	4.6900e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.0000e-005	1.0000e-005	9.3000e-004	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	1.8000e-003	1.8000e-003	0.0000	0.0000	1.9200e-003
<b>Total</b>	<b>5.7900e-003</b>	<b>1.0000e-005</b>	<b>9.3000e-004</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.8000e-003</b>	<b>1.8000e-003</b>	<b>0.0000</b>	<b>0.0000</b>	<b>1.9200e-003</b>

## 7.0 Water Detail

### 7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	0.0000	0.0000	0.0000	0.0000
Unmitigated	0.0000	0.0000	0.0000	0.0000

## 7.2 Water by Land Use

### Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

### Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 8.0 Waste Detail

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### 8.1 Mitigation Measures Waste

#### Category/Year

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

### 8.2 Waste by Land Use

#### Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

#### Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
<b>Total</b>		<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>	<b>0.0000</b>

## 9.0 Operational Offroad

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

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### Fire Pumps and Emergency Generators

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

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

Equipment Type	Number
----------------	--------

## 11.0 Vegetation

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## **Appendix B**

### **Murrieta Road Transmission Pipeline Biological Resources Assessment**



September 24, 2019

Joe Broadhead  
Principal Water Resources  
Eastern Municipal Water District  
2270 Trumble Road  
P.O. Box 8300  
Perris, California 92572-8300

**VIA EMAIL**  
**broadhej@emwd.org**

**Subject:** Biological Resources Assessment for the Eastern Municipal Water District Murrieta Road Transmission Pipeline Project

Dear Mr. Broadhead:

Psomas understands that the Eastern Municipal Water District (District) is studying design and construction alternatives to install a reclaimed water pipeline across Salt Creek where it crosses under Murrieta Road. Salt Creek passes below Murrieta Road via a concrete box culvert. This Letter Report presents the findings of a biological resources assessment for the Murrieta Road Transmission Pipeline project (hereinafter referred to as the “Project”). The purpose of the survey was to evaluate potential biological constraints on the Project.

### **PROJECT LOCATION AND DESCRIPTION**

The proposed Project involves the construction of a new transmission pipeline to convey treated, potable water to the south from the Desalination Complex, currently in construction, consistent with the EMWD’s 2015 Water Facilities Master Plan. Two possible pipeline alignments are being considered; these alignments and other components of Project implementation are located in the City of Menifee in Riverside County, California (Exhibit 1).

The Preferred Alignment is comprised of approximately 7,250 feet of 36-inch to 42-inch diameter pipeline, extending from Perris II south along Murrieta Road to its intersection with La Piedra Road and then east for approximately 250 feet on La Piedra Road. The Alternative Alignment is comprised of approximately 12,100 feet of 36-inch to 42-inch diameter pipeline, extending from the Desalination Complex south along Murrieta Road to its intersection with Newport Road, then east along Newport Road to its intersection with Bradley Road, then south along Bradley Road to its intersection with La Piedra Road. Collectively, these two alignments are considered the study area for the proposed project.

The study area is located on the U.S. Geological Survey’s (USGS’) Romoland 7.5-minute quadrangle (Exhibit 2). Topography within the study area is relatively flat with elevations ranging from 1,410 to 1,440 feet above mean sea level (msl). One drainage, Salt Creek, crosses the study area. A variety of soils beneath the asphalt are mapped, primarily sandy or silty loams (USDA NRCS 2019).

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## SURVEY METHODS

Psomas Senior Biologist Allison Rudalevige visited the study area on August 28, 2019, to conduct a general plant and wildlife survey, map existing vegetation communities, and perform an assessment of potential jurisdictional waters. The area surveyed consists of a five-foot-wide buffer along the pipeline alignment plus a 15-foot buffer on either side of the alignment that represents a “disturbance area”. This represents a 35-foot-wide study area.

All plant species observed were recorded in field notes. Plant species were identified in the field or collected for subsequent identification using keys in Baldwin et al. (2012). Nomenclature of plant taxa conform to the *Special Vascular Plants, Bryophytes, and Lichens List* (CDFW 2019c) for special status species and the Jepson eFlora (Jepson Flora Project 2017) for all other taxa.

All wildlife species detected during the course of the survey were documented in field notes. Taxonomy and nomenclature for wildlife generally follows the *Special Animals List* (CDFW 2019b) for special status species and, for other species, Crother (2017) for amphibians and reptiles, the American Ornithological Society (AOS 2018) for birds, and the Smithsonian National Museum of Natural History (SNMNH 2011) for mammals.

Prior to the survey, a literature review was conducted to identify special status plants, wildlife, and habitats that have been reported to occur in the vicinity of the study area. Resources reviewed included the California Native Plant Society’s (CNPS’) Inventory of Rare and Endangered Plants (CNPS 2019), the California Department of Fish and Wildlife’s (CDFW’s) California Natural Diversity Database (CDFW 2019a). Database searches included the USGS’ Romoland 7.5-minute quadrangle.

## SURVEY RESULTS

### Existing Conditions

The study area is located entirely within developed areas and consists of the existing paved roads and the concrete box culvert at Salt Creek. The existing roads range from a single lane in each direction to two lanes in each direction with turning lanes. These areas lack vegetation and do not provide habitat for common or special status plant or wildlife species.

The study area (roads) primarily traverse areas dominated by residential development, retail facilities, parks or fallow fields. Based on the current project footprint, these areas will not be directly impacted. However, indirect impacts (i.e., edge effects) or expansion of the project footprint (e.g., staging areas) may affect the adjacent areas. Most of the adjacent developed areas outside the study area boundary contain a variety of ornamental landscaping species such as European olive (*Olea europaea*), pine (*Pinus* sp.), blue jacaranda (*Jacaranda mimosifolia*), and Mexican fan palm (*Washingtonia robusta*) located along the road edge. Undeveloped fallow fields, which appear periodically mowed or tilled, are also adjacent to the study area. These areas are primarily dominated by non-native, weedy species, primarily shortpod mustard (*Hirschfeldia incana*) with lesser amounts of non-native grasses (e.g., oats [*Avena* sp.] and bromes [*Bromus* sp.]). Scattered native species occurring at low densities in these areas include annual sunflower (*Helianthus annuus*), vinegar weed (*Trichostema lanceolatum*), doveweed (*Croton setiger*), and California buckwheat (*Eriogonum fasciculatum*). Some of these undeveloped lots were mowed/tilled prior to the survey while others contain mature vegetation. A small area of disturbed coastal sage scrub is located south of Newport Road between Evans Road and Winterhawk Road. This area contains open California buckwheat and California sagebrush (*Artemisia californica*) disturbed by shortpod mustard and red brome (*Bromus madritensis* ssp. *rubens*) and mechanical disturbance. The main channel of Salt Creek crosses under Murrieta Road through a box culvert; a periodically mowed or tilled

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terrace occurs on either side of the channel. Vegetation within the active channel is dominated by cocklebur (*Xanthium strumarium*), annual sunflower, and curly dock (*Rumex crispus*). Vegetation on either side of the main channel is dominated by non-native grasses (e.g., red brome, oats, rye grass [*Festuca perennis*], Bermuda grass [*Cynodon dactylon*]), English plantain (*Plantago lanceolata*), and bindweed (*Convolvulus arvensis*).

### **Jurisdictional Resources**

One drainage feature, Salt Creek, occurs on the study area. Salt Creek flows into Canyon Lake. Water from Canyon Lake flows into the San Jacinto River, which ultimately discharges into Lake Elsinore. This drainage would likely be subject to the jurisdiction of the U.S. Army Corps of Engineers (USACE), the Regional Water Quality Control Board (RWQCB), and the CDFW.

### **Wildlife Habitat**

Given the rural nature of the landscape setting, wildlife species occurring in the vicinity of the study area are expected to be relatively urban tolerant. The study area does not provide habitat for wildlife; however, species may cross the roadways and pass through the box culvert at Salt Creek.

No fish, amphibian, or reptile species were observed during the survey. Salt Creek was dry at the time of the survey. Based on the U.S. Fish and Wildlife Service's National Wetlands Inventory Wetland Mapper, it may carry flow temporarily or for extended periods during the growing season (USFWS 2019). Given the lack of perennial flow, it is not expected to support fish species and has limited potential to support amphibian species such as Baja California treefrog (*Pseudacris hypochondriaca*). Common reptile species expected to occur include western fence lizard (*Sceloporus occidentalis*), common side-blotched lizard (*Uta stansburiana*), and southern alligator lizard (*Elgaria multicarinata*).

Common bird species observed on or adjacent to the study area include mourning dove (*Zenaida macroura*), red-tailed hawk (*Buteo jamaicensis*), turkey vulture (*Cathartes aura*), and American crow (*Corvus brachyrhynchos*). Other common species that may occur include Anna's hummingbird (*Calypte anna*), black phoebe (*Sayornis nigricans*), house finch (*Haemorhous [Carpodacus] mexicanus*), lesser goldfinch (*Spinus [Carduelis] psaltria*), white-crowned sparrow (*Zonotrichia leucophrys*), and house sparrow (*Passer domesticus*).

One mammal species, California ground squirrel (*Otospermophilus beecheyi*), was observed during the survey. Other common mammal species that may occur raccoon (*Procyon lotor*), Virginia opossum (*Didelphis virginiana*), striped skunk (*Mephitis mephitis*), and brown rat (*Rattus norvegicus*).

### **Wildlife Movement**

Within large, open space areas where few or no man-made or naturally occurring physical constraints to wildlife movement are present, wildlife corridors may not yet exist. However, once open space areas become constrained and/or fragmented as a result of urban development or the construction of physical obstacles (e.g., roads and highways), the remaining landscape features or travel routes that connect the larger open space areas become corridors as long as they provide adequate space, cover, food, and water and do not contain obstacles or distractions (e.g., man-made noise, lighting) that would generally hinder wildlife movement.

The study area is in a rural landscape matrix with fragmented areas of relatively low-quality habitat (i.e., primarily ruderal vegetation). Regional wildlife movement is currently limited by existing development and roadways. Local wildlife movement may occur between individual undeveloped lots. The proposed

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project is not located in an area of regional or local wildlife movement because the project is confined to the existing roadway.

### **Special Status Vegetation Types**

The CDFW provides a list of vegetation Alliances, Associations, and Special Stands that are considered “Sensitive Natural Communities” based on their rarity and threat (CDFW 2018). The study area does not contain any natural vegetation types. The immediately adjacent vegetation is dominated by non-native, ruderal species that would not be considered sensitive. The coastal sage scrub vegetation south of Newport Road is not considered sensitive by the CDFW.

### **Special Status Plant Species**

Plants may be considered “special status” due to declining populations, vulnerability to habitat change, or restricted distributions. Several special status plant species have been reported in the vicinity of the project based on the results of the literature review.

The following federally and/or State listed Endangered, Threatened, or Rare species were reported from the literature review: Munz’s onion (*Allium munzii*), thread-leaved brodiaea (*Brodiaea filifolia*), spreading navarretia (*Navarretia fossalis*), and California Orcutt grass (*Orcuttia californica*). These species are not expected to occur on the study area due to lack of suitable habitat. In addition, suitable habitat for these species is not present in the immediately adjacent areas.

In addition to species formally listed by the resource agencies, several special status species (species with a California Rare Plant Rank [CRPR] of 1 or 2) have been reported from the literature review. No species with a CRPR of 1 or 2 are expected to occur on the study area due to lack of suitable habitat. If there is future expansion of the project footprint (e.g., the addition of staging areas outside the developed roadway), special status plant may be present in adjacent areas. The most likely species to occur is smooth tarplant (*Centromadia pungens* ssp. *laevis*), which was reported from Salt Creek and the undeveloped lot at the intersection of Murrieta Road and Lazy Creek Road.

One species with a CRPR of 4.2, paniculate tarplant (*Deinandra paniculata*) was observed in the ruderal vegetation and coastal sage scrub adjacent to the study area.

### **Special Status Wildlife Species**

Wildlife may be considered “special status” due to declining populations, vulnerability to habitat change, or restricted distributions. Several special status wildlife species have been reported in the vicinity of the study area based on the results of the literature review.

The following federally and/or State listed Endangered or Threatened species were reported from the literature review: San Bernardino kangaroo rat (*Dipodomys merriami parvus*), Stephens’ kangaroo rat (*Dipodomys stephensi*), quino checkerspot butterfly (*Euphydryas editha quino*), coastal California gnatcatcher (*Polioptila californica californica*), and Riverside fairy shrimp (*Streptocephalus woottoni*). These species are not expected to occur on the study area due to lack of suitable habitat. Marginally suitable habitat for Stephens’ kangaroo rat and coastal California gnatcatcher occur in the adjacent ruderal areas and coastal sage scrub vegetation. However, these areas are isolated from larger areas of intact habitat; therefore, the species are not expected to occur. Suitable habitat for the remaining listed species is not present in the immediately adjacent areas.

In addition to species formally listed by the resource agencies, several special status species (e.g., California Species of Special Concern [SSC]) have been reported near the study area. These species are

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not expected to occur on the study area due to lack of suitable habitat. If there is future expansion of the project footprint (e.g., the addition of staging areas outside the developed roadway), special status wildlife species may be present in adjacent areas. The most likely species to occur is burrowing owl (*Athene cunicularia*), which was reported from Salt Creek and the undeveloped lot at the intersection of Newport Road and Evans Road.

### ***Critical Habitat***

Critical Habitat is designated for the survival and recovery of species listed as Threatened or Endangered under the Federal Endangered Species Act. The study area is not located in areas designated or proposed as Critical Habitat.

## **PROJECT IMPACTS**

This section presents a general impact analysis of the proposed project. All construction activities are assumed to be within the existing roadways and concrete box culvert under Murrieta Road. Should any of the impact areas extend beyond these limits, additional analysis would be required.

### **Vegetation Types and Other Areas**

The proposed project impacts are limited to the existing developed roadways and concrete box culvert under Murrieta Road. These impacts would be considered less than significant because of the low biological value of these areas; no mitigation would be required.

### **Jurisdictional Resources**

The impact on jurisdictional resources is dependent on the methods used to install the project pipeline across Salt Creek where it crosses under Murrieta Road. Impacts on waters under the regulatory authority of the USACE, the RWQCB, and/or the CDFW would require regulatory permitting.

### **Wildlife Movement**

The proposed project is not expected to permanently impact regional or local wildlife movement because the project is confined to the existing roadways. Temporary construction activities are not expected to adversely affect wildlife beyond ambient conditions (i.e., regular vehicular traffic). Therefore, no mitigation would be required.

### **Special Status Plant Species**

The proposed project would not impact federal and/or State listed or non-listed special status plant species; no mitigation would be required.

### **Special Status Wildlife Species**

The proposed project would not directly impact federal and/or State listed or non-listed special status wildlife species; no mitigation would be required.

**Other Considerations**

***Water Quality***

During construction, runoff carrying excessive silt, petroleum, or other chemical contaminants from construction equipment could potentially impact water quality in Salt Creek and, in turn, affect plant and wildlife species using adjacent habitat. This impact could potentially significant impact water quality in Salt Creek.

***Noise***

During active construction, temporary noise impacts have the potential to disrupt foraging, roosting, and/or denning activities for a variety of wildlife species. Construction noise could deter wildlife from using habitat adjacent to construction. This impact would be considered adverse but not significant; no mitigation would be required.

***Nesting Birds and Raptors***

The Migratory Bird Treaty Act (MBTA) protects migratory birds and their nests and eggs, both common and special status. Bird species protected under the provisions of the MBTA are identified by the List of Migratory Birds (50 *Code of Federal Regulations* [CFR] §10.13, as amended). Since the 1970s, the MBTA has been interpreted to prohibit the accidental or “incidental” take of migratory birds. However, in December 2017, the acting Solicitor of the Department of the Interior issued a new memorandum disclaiming the interpretation of the MBTA as prohibiting incidental take of migratory birds (DOI 2017). In response to the federal changes in interpretation of the MBTA, the CDFW and the California Attorney General have issued an advisory affirming California’s protections for migratory birds (CDFW and Attorney General 2018).

Multiple sections of *California Fish and Game Code* provide protection for nesting birds and raptors unless the *California Fish and Game Code* or its implementing regulations provide otherwise. Section 3503 makes it unlawful to take, possess, or needlessly destroy the nest or eggs of any bird. Section 3503.5 specifically addresses raptors (i.e., birds of prey in the orders *Falconiformes* and *Strigiformes*) and makes it unlawful to take, possess, or destroy these birds or their nest or eggs. Section 3513 prohibits the take or possession of migratory non-game birds as designated by the MBTA or any part of such bird.

The project will not directly impact nesting birds. However, migratory birds and raptors (both common and special status) have the potential to nest in powerlines, in shrubs and trees, and on bare ground adjacent to the study area. No intentional direct or indirect impact on avian nests are anticipated; therefore, no mitigation would be required.

***Roosting Bats***

The CDFW is increasingly recommending/requiring the use of pre-construction roosting bat surveys prior to impacts on mature vegetation to avoid and minimize impacts on these species. While bats may forage in the vicinity of the study area, the project will not directly impact bat habitat or suitable roosting sites; no mitigation would be required.

***Tree Removal***

The City of Menifee Municipal Code (Chapter 9.86: Park Design, Landscaping and Tree Preservation) provides regulations and guidelines for the protection of existing trees. No trees would be impacted by the project; therefore, a tree removal permit would not be required from the City.



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***Multiple Species Habitat Conservation Plan***

The study area is located in the Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP) area. The Eastern Municipal Water District is not a signatory on the MSHCP Implementation Agreement. Therefore, the project does not require approval through the MSHCP process.

**MITIGATION MEASURES**

The following measures are recommended to avoid, minimize, or mitigate for impacts on biological resources or to comply with federal, state, and/or local regulations:

1. Impacts to jurisdictional waters (i.e., Salt Creek) will be dependent on the approach and construction scenario used to install a reclaimed water pipeline across the creek. Impacts should be avoided to the extent practicable. If such impacts are unavoidable, then permits/certifications/agreements from the USACE, the RWQCB, and the CDFW are required for impacts to jurisdictional waters. A pre-application meeting with these agencies is recommended prior to submittal of permit applications to discuss existing conditions; confirm the agencies' jurisdiction over water resources on the study area; discuss impacts to these resources that would result from the project; discuss proposed avoidance, minimization, and mitigation measures to offset these impacts; and to discuss the regulatory permitting process. Following the pre-application meeting, the Project Applicant would prepare and process the appropriate permits (e.g., a Section 404 Permit from the USACE in the form of a Nationwide Permit or Individual Permit, a Section 401 Water Quality Certification from the RWQCB, and/or a CDFW Section 1602 Notification of Lake or Streambed Alteration). Additional mitigation measures may be required by the resource agencies regarding impacts to areas under their respective jurisdictions.
2. Standard construction best management practices (BMPs) should be implemented to prevent toxins, chemicals, or petroleum products from entering Salt Creek and degrading water quality.

If you have any questions or comments, please contact Ann Johnston at (714) 751-7373.

Sincerely,

**P S O M A S**



Ann M. Johnston  
Vice President, Resource Management

Enclosures: Exhibits 1-2

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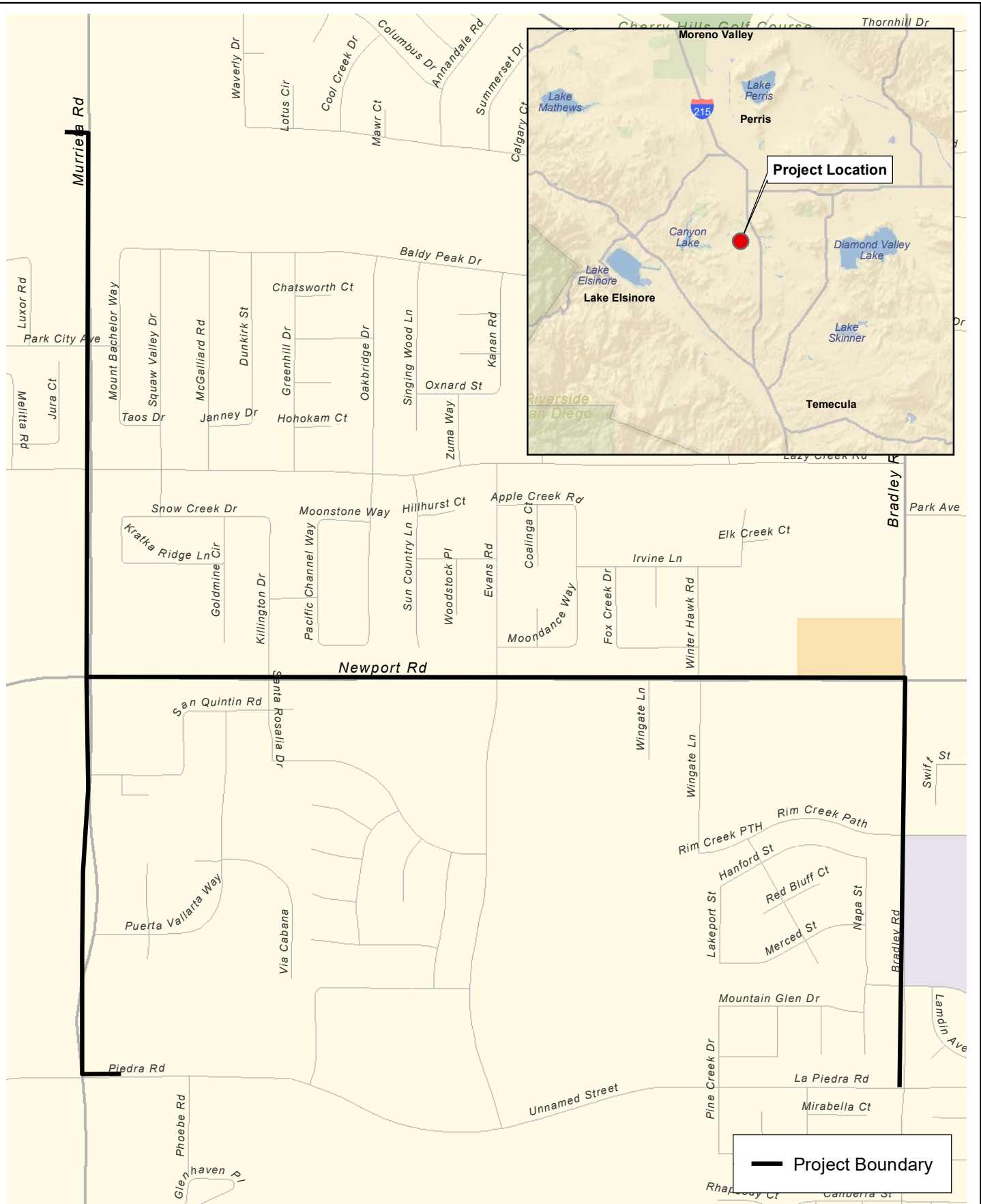
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# Regional Location and Local Vicinity

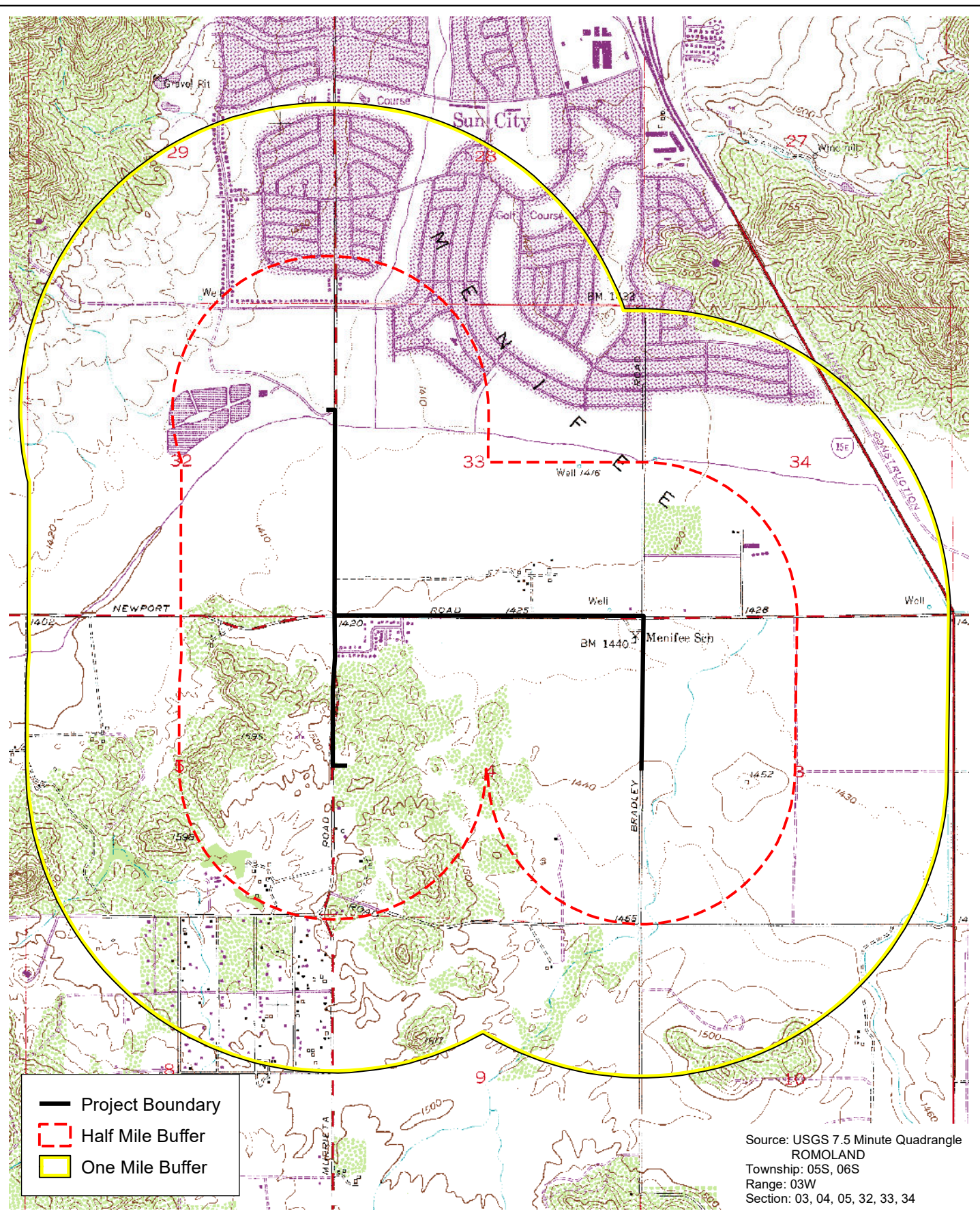
# Exhibit 1




Murrieta Road Transmission Pipeline Project





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-  Project Boundary
-  Half Mile Buffer
-  One Mile Buffer

Source: USGS 7.5 Minute Quadrangle  
 ROMOLAND  
 Township: 05S, 06S  
 Range: 03W  
 Section: 03, 04, 05, 32, 33, 34

# U.S. Geological Survey 7.5-Minute Quadrangle

# Exhibit 2

Murrieta Road Transmission Pipeline Project



**Appendix C**

**Murrieta Road Transmission Pipeline  
Cultural Resources Study**





October 10, 2019

Joe Broadhead  
Principal Water Resources Specialist – CEQA  
Eastern Municipal Water District  
2270 Trumble Road  
Perris, California 92570

**VIA EMAIL**  
**[broadhej@emwd.org](mailto:broadhej@emwd.org)**

Subject: Cultural Resource Study for the Eastern Municipal Water District Murrieta Road Transmission Pipeline Project

Dear Mr. Broadhead:

Psomas understands that the Eastern Municipal Water District (District) is studying design and construction alternatives to install a reclaimed water pipeline across Salt Creek where it crosses under Murrieta Road. Salt Creek passes below Murrieta Road via a concrete box culvert. This Technical Memorandum summarizes the Cultural and Paleontological Resources Records Searches and field survey conducted for the Murrieta Road Transmission Pipeline Project (hereinafter referred to as Project).

## **EXISTING CONDITIONS**

### **Local Geology**

The Project area is in Perris Valley, a northwest-southeast-trending basin situated within the Peninsular Range Geomorphic Province. The Perris Valley and surrounding region is a structural block known as the Perris Block, bounded by the San Jacinto Fault Zone and San Jacinto Mountains in the northeast, the Elsinore Fault Zone and Santa Ana Mountains in the southwest, and the San Gabriel Fault to the north. Throughout the Perris Block are local, isolated granitic mountains that separate the Menifee, Moreno, Perris, and San Jacinto Valleys. The valley floor is composed of an accumulation of late Pliocene to recent plutonic and metamorphic sediments derived from the nearby mountains (Woodford et al. 1971).

The Project area is approximately 8 miles east of the Diamond Valley Reservoir in the western foothills of the Perris Valley. Surface geology of this area consists of a southeast-trending swath of Cretaceous plutonic igneous bedrock outcrops surrounded by Early Pleistocene Alluvial Fan sediments.

The igneous rock outcrops are part of a felsic intrusive pluton known as the Domenigoni Valley pluton and are composed of massive biotite-hornblende Tonalite. While most of the pluton is relatively fine grained, there are concentrations of foliated hornblende dikes (Morton et al. 2006).

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The Quaternary Old Alluvial Fan (Qof) sediments are derived from local mountain sources to the north and west and consist of moderate- to well-consolidated sand and silt with occasional conglomeratic lenses. The fan deposits are present throughout the valley floor, overlain by younger alluvium in low-lying areas. In some areas of the Perris Valley, the alluvial fan sediments are subdivided into units based on lithology and age, ranging from early to middle Pleistocene.

### **Eastern Information Center Cultural Resources Literature Review and Records Search**

A cultural resources literature review and records search was conducted by Psomas on August 13, 2019, at the Eastern Information Center (EIC) at University of California, Riverside. The EIC is a designated branch of the California Historical Resources Information System (CHRIS) and houses records regarding archaeological and historic resources recorded in Riverside County. The 2019 review consisted of an examination of the U.S. Geological Survey's 7.5-minute Romoland Quadrangle to determine if any cultural resources (e.g. archaeological sites, built environment resources) are recorded or if any cultural resources studies have been conducted on the Project area or within a 1-mile radius of the Project area. Data sources consulted at the EIC include archaeological records, Archaeological Determinations of Eligibility (DOE), historic maps, and the Historic Property Data File (HPDF) maintained by the Office of Historic Preservation (OHP). The HPDF contains listings for the California Register of Historical Resources (CRHR) and/or the National Register of Historic Places (NRHP), California Historical Landmarks (CHL), and California Points of Historical Interest (CPHI).

#### ***Results of the Cultural Resources Literature Review***

The literature review and records search conducted for the Project revealed that 84 cultural resource studies (refer to Attachment A for results of the EIC literature review) have been conducted within 1 mile of the Project area; 11 of the studies included the Project area. The studies consisted primarily of block archaeological surveys and several linear surveys. The remaining 73 studies were located south, southeast, southwest, north, northeast, and northwest of the Project area; and are all within 1 mile of the Project boundaries.

#### ***Results of the Cultural Resource Records Search***

Ninety-five cultural resources were identified within the 1-mile search radius of the Project. Nine of the cultural resources (see Table 1 below) were located alongside the District's proposed route of the pipeline, including the alternative route. These resources include five prehistoric archaeological sites, one historic-era site, two prehistoric isolates, and one historic isolate. Additionally, eight of the nine cultural resources are located near the corner of Murrieta Road and Newport Road. None of the nine resources have been determined to be eligible for listing on the NRHP and/or the CRHR.

**TABLE 1  
 CULTURAL RESOURCES ALONG THE PROPOSED ROUTES**

<b>Primary No.</b>	<b>Trinomial</b>	<b>Recorder (Year)</b>	<b>Resource Description</b>
P-33-003308	CA-RIV-3308	V.C. de Munck (1987); C. Cotterman and R. Cunningham (2012)	Prehistoric: milling feature; lithic scatter
P-33-003806	CA-RIV-3806	B.S. Arkush (1990)	Prehistoric: milling feature
P-33-004223	CA-RIV-4223	K.D. Chario (1987)	Prehistoric: milling feature; lithic scatter
P-33-007703	-	W. Hedges (1982)	Historic: Menifee School Site
P-33-008853	CA-RIV-6283	N. Johnson (1999)	Prehistoric: milling feature; rock shelter
P-33-011540	CA-RIV-6809	J. Buysse and B.F. Smith (2002)	Prehistoric: milling feature; lithic scatter
P-33-013365	-	J. Brock 92004)	Prehistoric: isolated lithic artifact
P-33-015727	-	J. Minor (2006)	Historic: isolated glass fragment
P-33-015728	-	J. Minor (2006)	Prehistoric: isolated lithic artifact

**Results of the Native American Heritage Commission Sacred Lands File Search**

Psomas submitted a request to the NAHC on August 13, 2019, to review the Sacred Lands File database regarding the possibility of Native American cultural resources and/or sacred places in the project vicinity that are not documented on other databases. The NAHC completed its Sacred Lands File search on September 13, 2019. The results were positive. The NAHC recommends contacting the Pechanga Band of Luiseno Indians for information regarding known archaeological sites and sacred lands.

The NAHC also provided a list of other Native American groups and individuals who may have knowledge of Native American cultural resources not formally listed on any database.

**Results of the Paleontological Resources Records Search**

***Previously Recorded Paleontological Sites***

A paleontological records search was requested of Darla Radford at the Western Science Center (WSC), and results were received on September 3, 2019. The results indicate that no vertebrate fossil localities are directly within the boundaries of the project; however, hundreds of localities have been documented as part of the Diamond Valley Lake Project, approximately 5 to 7 miles to the east. This is one of the largest Late Pleistocene faunal assemblages in the southwest, with over 100,000 fossil specimens from 105 plant and animal taxa (Springer et al. 2009).

Surface sediments at and surrounding the Project area consist of Pleistocene to Holocene alluvial deposits. Deep excavation that involves disturbance of native soils could result in the disturbance and/or destruction of paleontological resources that may be present in deeper Pleistocene alluvial deposits that underlie the Project. As recommended by the WSC, any substantial excavations should be monitored closely to recover any fossil remains, and fossils recovered from such activities should be placed in an accredited scientific institution for the benefit of current and future generations.

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A search of the database of Late Pleistocene vertebrate localities for California (Jefferson 1991), which includes institutional records and published references, indicates that no previously recorded fossil localities have been recorded within 1 mile of the project.

### ***Results of the Paleontological Resources Literature Search***

The literature search did not locate a previous paleontological resources study conducted in the area.

## **ARCHAEOLOGICAL AND PALEONTOLOGICAL PEDESTRIAN SURVEY**

### **Survey Methods**

Psomas surveyed the routes of the Project's Preferred Pipeline Alignment and the Alternative Pipeline Alignment (Option 1) on August 20, 2019 and APN-360-680-026 on September 25, 2019. Each of the routes and APN-360-680-026 were surveyed by walking evenly spaced transects spaced no more than 10 meters (32 feet) apart on either side of the route. The archaeologists examined all areas considered highly sensitive for cultural resources and the ground surface for the presence of the following:

- Prehistoric artifacts (e.g., flaked stone tools, tool-making debris, stone milling tools)
- Historic artifacts (e.g., metal, glass, ceramics)
- Sediment discoloration that might indicate the presence of a cultural midden
- Depressions and other features indicative of the former presence of structures or buildings (e.g., milling features, foundations)

The archaeologists maintained transect accuracy in the Project area using a global positioning system (GPS) receiver and Project maps. A field notebook and a digital camera were used to record the survey conditions and findings.

### **Preferred Pipeline Alignment and Alternative Pipeline Alignment Results**

As stated above, the purpose of the field survey was to identify any new cultural resources and to re-locate previously recorded cultural resources for planning purposes. Nine previously recorded cultural resources identified during the EIC record search have been documented alongside the District's proposed routes. These resources are described in more detail below. No new cultural resources were identified within either alignment.

### ***Previously Recorded Cultural Resources***

#### **P-33-003308 (CA-RIV-3308)**

This resource is described as a food processing site. The site was originally recorded in 1987 by Victor C. de Munck in 1987 and updated in 2012 by C. Cotterman and R. Cunningham. The surface of the site contained milling slicks and lithic scatters. C. Cotterman and R. Cunningham were not able to locate the surface lithic scatter.

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Psomas conducted a survey on August 20, 2019. No artifacts were observed on the surface of the site, but land visibility was hindered by vegetation (Figure 1). However, Primary record P-33-15727 has been updated to include a prehistoric milling feature that was once originally part of the granitic outcrop located along the southern perimeter of the site. The center of the site has been disked for fire and vegetation control. The milling features were moved near the center of this disked area, probably when the residential community adjacent to the southern perimeter was developed. No other cultural resources were observed at the location of the site during the 2019 survey.



**Figure 1: P-33-003308 (CA-RIV-3308) Site Overview**

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**P-33-003806 (CA-RIV-3806)**

This resource was originally recorded by Brooke S. Arkush in 1990. In 1990, a single milling slick measuring 25 centimeters (cm) by 30 cm was observed situated on the southwest portion of a bedrock outcrop measuring 3 meters (m) by 9 m in size. The slick was located off a dirt road accessed from the corner of Murrieta and Newport roads. This roadway and the resource are no longer present; the road and milling feature were both destroyed during the development of the Stater Brothers grocery store and the associated shopping center (Figure 2). Psomas conducted a pedestrian survey on August 20, 2019; no resources were observed at the location of the site.



**Figure 2: P-33-003806 (CA-RIV-3806)**



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**P-33-004223 (CA-RIV-4223)**

This site was recorded by K. Del Chario of ARMC in 1987. Del Chario described the site as a group of bedrock milling features with associated artifacts in a granite boulder outcrop. Eleven flakes of basalt, quartz and quartzite, one basalt core tool, an isolated quartzite biface knife fragment, five bedrock mortars, and five bedrock milling slicks were observed on the site. At the time of the 1987 survey, the property was plowed and partially disked.

Psomas conducted a pedestrian survey on August 20, 2019. The site has been heavily disturbed and filled with recent back dirt (Figure 3) containing building debris and modern refuse. The site has been cleared of the boulder outcrop, as illustrated in Figure 3. Psomas was unable to locate the lithic artifacts observed during the 1987 survey. No other resources were observed on the surface of the site. The site, as recorded in 1987, has been destroyed or removed.



**Figure 3: P-33-004223 (CA-RIV-4223) Southwestern portion of the site**

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**P-33-007703**

Site P-33-007703 is the historic location of the original Menifee school (Figure 4). The site was originally recorded in 1982 by W. Hedges of the Riverside County Historical Commission as a historic resource associated with the education and social gatherings of the original pioneer families.

The original structure was built in 1890 as an L-shaped, wood-framed structure with gable and hipped roofs with composite shingles. The original school was known as “Antelope School” within the San Diego School District. The location of the original school is located within the southwest corner of Newport and Bradley roads. This intersection was also the location of the first post office (circa 1887), a general store (circa 1887), and a blacksmith storefront (circa 1890). The Antelope School was built in 1890 to serve the farming community that populated the area. Family members of the original pioneers – William Newport, Leonard Kirkpatrick, and Zeiders families – attended the original schoolhouse.

The school was used as an elementary school, a high school, and a civic meeting hall until the Menifee Unified School District was formed in 1952 and built a new elementary school. The vacant building was destroyed in 1971 by a fire. The parcel of land is now vacant. An ARCO gas station was built on the northern half of the lot. The site is partitioned off from the ARCO parking lot by bales of hay. The Menifee Historical Society erected a placard on the sidewalk facing Bradley Road memorializing the location as a local historic landmark.

No historic-era artifacts were identified on site, but the surface visibility was hindered by vegetation overgrowth. Modern refuse is scattered throughout the lot. Psomas surveyed and updated the Universal Transverse Mercator (UTM) coordinates from the original site record and set the coordinates to the Historic Landmark placard. No additional features or artifacts were identified during the 2019 study.



**Figure 4: P-33-007703. View from the ARCO parking lot**



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**P-33-008853 (CA-RIV-6283)**

This resource was originally recorded by Michael Hogan of CRM Tech in 1999. The resource was described as a prehistoric site consisting of a low-lying boulder with one slick on it (Figure 5). The resource was located 80 m east of Murrieta Road and 430 m south of Newport Road. The site was surveyed on August 20, 2019 by Psomas. The slick is still present and is surrounded by outcrops to the north and east. The outcrop closest to Murrieta Road has a rock shelter, but the surveyors did not investigate the area due to a modern inhabitant. The locational data of the site has been updated to demarcate the entrance to the site, which includes the surrounding outcrops and rock shelter.



**Figure 5: P-33-011540 (CA-RIV-6283) Site Overview**

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**P-33-011540 (CA-RIV-6869)**

This site was originally recorded by J. Buysse of Brian F. Smith and Associates in 2002. The site was recorded as a prehistoric milling site consisting of three lithic artifacts and three bedrock milling features (Figure 6). The site is a small prehistoric site located among boulders on the lower southern slope of a series of hills just over 1 mile south-southwest of Sun City. The three bedrock milling features contained a total of four slicks. One mano (ground stone artifact) was collected from the surface of the site, and two pieces of debitage (stone tool debris) were recovered from shovel testing in 2002.

Psomas conducted a pedestrian survey of the site on August 20, 2019. Despite the heavy development surrounding this site, the milling features are still present and protected behind a picket fence. The open space between the features appears to be designated for a structure based on the stakes and paint lines on the dirt. The remainder of the outcrop mentioned in the 2002 study has either been relocated or destroyed. No other surface artifacts or features were observed.



**Figure 6: Site P-33-011540 (CA-RIV-6869) viewing the eastern side of the site**

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**P-33-013365**

This resource was originally recorded by J. Brock of Archaeological Advisory Group in 2004 as a prehistoric lithic isolate consisting of a 4.8 cm by 3.0 cm by 0.8 cm basalt flake, possibly utilized. In 2004, the surrounding area was disturbed. Brock observed the isolate near a graded area next to a manhole.

Psomas conducted a pedestrian survey of the area on August 20, 2019. The location where Brock observed the lithic isolate has been completely developed (Figure 7) into a shopping center containing a Verizon Wireless store, an International House of Pancakes (IHOP) restaurant, and several other small service businesses situated next to a gas station. The area is now composed of built structures and hardscapes. Psomas did not observe any resources during the 2019 survey.



**Figure 7: The location of P-33-013365**



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**P-33-015727**

This resource was recorded by Julie Minor, Statistical Research Inc. (SRI), on January 16, 2006. The resource consists of a historic era isolate. A body shard of a historical-period lamp globe was observed on the southwest corner of Newport Road and Murrieta Road in the upper/northwestern area of Menifee Valley, south of the City of Perris. The shard was in a flat area to the north of a hill covered with granitic boulder outcrops. The artifact was located about 125 m west of Murrieta Road.

The glass shard was described by SRI as a curving and thin, sun-colored amethyst (SCA) lamp-globe body shard measuring 4.5 inches by 4.5 inches by 0.25 inch and was probably from an oil lamp. SCA glass is generally assigned a date of between about 1880 and 1920. During this time period, clear glass in the USA was clarified with manganese imported from Germany; after the outbreak of World War I, the supplies of German manganese were halted. Glass clarified with manganese turns an amethyst color when exposed to the ultraviolet rays of the sun.

Psomas tried to locate the resource during a pedestrian survey conducted on August 20, 2019. The resource was not located. No other historic era resources were observed during the survey. Figure 8 illustrates the area corresponding to the UTM recorded by SRI (2006). No surface resources were observed within the immediate area.



**Figure 8: Site P-33-015727**

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**P-33-015728**

This resource was recorded by Julie Minor, Statistical Research Inc (SRI), on January 16, 2006. The resource consists of a prehistoric flaked lithic isolate. This interior quartzite flake (31 millimeters [mm] by 24 mm) has low curvature and a single-faceted platform; it was probably derived from a multidirectional or unidirectional core. Psomas was unable to locate the resource during a pedestrian survey conducted on August 20, 2019. The area (Figure 9) is littered with modern refuse, but no other resources were observed during the survey.



**Figure 9: Site P-33-015728 Site overview.**

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**APN 360-680-026 Results**

The District is in the process of purchasing an easement of land located along the eastside Murrieta Road near the intersection of Murrieta Road and La Piedra Road (Figure 10). However, several large rock outcrops are currently on the property. Considering the archaeological and cultural sensitivity of the area, a site visit was warranted to confirm the presence or absence of archaeological features. On September 25, 2019, Psomas surveyed the subject property and confirmed the absence of archaeological features. On October 4, 2019, Psomas revisited the property with Joseph Broadhead from the District and Frank Morreo from the Soboba Band of Luiseño Indians. The purpose of the October 4 site visit was to share the findings with the tribe and confirm no archaeological features, specifically milling were present at APN-360-680-026. All parties agreed that no archaeological features were present on the property.



**FIGURE 10: OVERVIEW OF APN 360-680-026**

**CONCLUSION**

The goal of this technical memorandum is to provide information regarding documented and newly identified cultural and paleontological resources within the Project area.

The results of the EIC literature search indicated 84 cultural resource studies have been conducted within 1 mile of the Project area; 11 of the studies included the Project area. The studies consisted primarily of block archaeological surveys and several linear surveys. The remaining 73 studies were located south, southeast, southwest, north, northeast, and northwest of the Project area and are all within 1 mile of the Project boundaries.

The EIC records search identified 95 cultural resources previously recorded within 1 mile of the Project area. These resources include both prehistoric and historical archaeological resources. Nine of the 95 cultural resources are located alongside the Project’s Preferred Pipeline Alignment. Eight of these resources are concentrated near the corner of Murrieta Road and Newport Road. One resource, the original location of the Menifee school, is located near Murrieta Road and Bradley Road. Seven of the



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nine resources consist of prehistoric milling features and debris left behind from the manufacturing of stone tools. The two historic-era resources consist of the historic location of the original Menifee school and a single piece of solarized glass. All nine cultural resources have been impacted from recent development and have lost their historical integrity.

Furthermore, none of these cultural resources are listed in the CRHR, the NRHP, or California Points of Historical Interest lists. Additionally, no resources are included in a Local Register of Historical Resources, on a map of Historical Resources, or on a map of Historic Districts. However, the Menifee Historical Society erected a placard on the sidewalk facing Bradley Road memorializing the location as a local historic landmark. The District should avoid impacts to the placard.

The paleontological records search results indicate that no vertebrate fossil localities are directly within the boundaries of the project; however, hundreds of localities have been documented as part of the Diamond Valley Lake Project, approximately 5 to 7 miles to the east. This is one of the largest Late Pleistocene faunal assemblages in the southwest, with over 100,000 fossil specimens from 105 plant and animal taxa. An additional search of the database of Late Pleistocene vertebrate localities for California, which includes institutional records and published references, indicates that no previously recorded fossil localities have been recorded within 1 mile of the Project.

Surface sediments at and surrounding the Project area consist of Pleistocene to Holocene alluvial deposits. Deep excavation that involves disturbance of native soils could result in the disturbance and/or destruction of paleontological resources that may be present in deeper Pleistocene alluvial deposits that underlie the Project.

The 2019 pedestrian field survey failed to identify new cultural and/or paleontological resources. Therefore, based on the review of archival material and the results of the field survey, it does not appear that the proposed Project would result in a significant adverse impact to any identified or eligible historical resources or significant paleontological resources. However, as indicated from the cultural and paleontological resources records searches, numerous archaeological sites and paleontological fossil localities have been identified in the area. Therefore, Psoomas recommends the following mitigation measure for the discovery of cultural resources and adherence to existing regulations and protocols for the discovery of human remains.

## **RECOMMENDED MITIGATION AND REGULATORY REQUIREMENTS**

### **Mitigation Measure 1**

The District shall retain a professional Archaeologist prior to the issuance of grading permits. The task of the Archaeologist shall be to monitor the initial ground-altering activities within undisturbed native sediment for the proposed Project site for the unearthing of previously unknown archaeological and/or cultural resources. The Archaeological Monitor shall be responsible for maintaining daily field notes and a photographic record and for reporting all finds to the District in a timely manner. The Archaeological Monitor shall be equipped to record and salvage cultural resources that may be unearthed during grading activities. The Archaeological Monitor shall be empowered to temporarily halt or divert grading equipment to allow recording and removal of the unearthed resources.

In the event that archaeological resources are discovered at the proposed Project site, the handling of the discovered resources will occur as described below. However, it is understood that all artifacts, with the exception of human remains and related grave goods or sacred/ceremonial objects, belong to the property owner. All artifacts discovered shall be inventoried and analyzed by the professional Archaeologist. If any artifacts of Native American origin are discovered, all activities in the immediate vicinity of the find

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(within a 50-foot radius) shall stop, and the Archaeological Monitor shall notify the District and tribes identified by the California NAHC as being affiliated with the area. A designated Native American observer from one of the tribes identified by the NAHC as being affiliated with the area shall be retained to help analyze the Native American artifacts for identification as everyday life and/or religious or sacred items, cultural affiliation, temporal placement, and function, as deemed possible. The significance of Native American resources shall be evaluated in accordance with the provisions of CEQA and shall consider the religious beliefs, customs, and practices of the affiliated tribes. All items found in association with Native American human remains shall be considered grave goods or sacred in origin and subject to special handling.

Native American artifacts that are relocated/reburied at the proposed Project site would be subject to a fully executed relocation/reburial agreement with the assisting Native American tribes or bands. This shall include measures and provisions to protect the reburial area from any future impacts. Relocation/reburial shall not occur until all cataloging and basic recordation have been completed. Native American artifacts that cannot be avoided or relocated at the proposed Project area shall be prepared in a manner for curation at an accredited curation facility in Riverside County that meets federal standards per 36 CFR Part 79 and makes the artifacts available to other archaeologists/researchers for further study. The Archaeological Monitor shall deliver the Native American artifacts, including title, to the accredited curation facility within a reasonable amount of time, along with the fees necessary for permanent curation.

Non-Native American artifacts shall be inventoried, assessed, and analyzed for cultural affiliation, personal affiliation (prior ownership), function, and temporal placement. Subsequent to analysis and reporting, these artifacts will be subjected to curation or returned to the property owner, as deemed appropriate.

### **Mitigation Measure 2**

The District shall retain a qualified Native American Monitor prior to the issuance of grading permits. The task of the Native American Monitor shall be to monitor the initial ground-altering activities within undisturbed native sediment for the proposed Project site for the unearthing of previously unknown archaeological and/or tribal cultural resources. The Native American Monitor shall be responsible for maintaining daily field notes and a photographic record and for reporting all finds to the District in a timely manner. The Native American Monitor shall be equipped to record and salvage cultural resources that may be unearthed during grading activities. The Native American Monitor shall be empowered to temporarily halt or divert grading equipment to allow recording and removal of the unearthed resources.

### **Mitigation Measure 3**

Prior to site preparation or grading activities, construction personnel shall be instructed by a professional Paleontologist of the potential for encountering unique paleontological resources and instructed on steps to take in the event such resources are encountered. This shall include the provision of written materials to familiarize personnel with the range of resources that might be expected, the type of activities that may result in impacts, and the legal framework of paleontological resources protection. All construction personnel shall be instructed to stop work in the vicinity of a potential discovery until a professional Paleontologist, as appropriate, assesses the significance of the find and implements appropriate measures to protect or scientifically remove the find. Construction personnel shall also be informed that unauthorized collection of paleontological resources is prohibited.

In the event that any paleontological resources (e.g., plant or animal fossils) are encountered before or during grading, the District shall retain a professional Paleontologist to evaluate unanticipated discoveries



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and to take appropriate measures to protect or preserve them for study. The professional Paleontologist shall submit a report of findings that will also provide specific recommendations regarding further mitigation measures (i.e., paleontological monitoring) that may be appropriate. Where mitigation monitoring is appropriate, the program must include, but may not be limited to, the following measures:

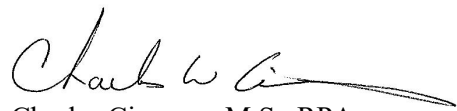
- Assign a Paleontological Monitor, trained and equipped to allow the rapid removal of fossils with minimal construction delay, to the site full time during earth-disturbing activities.
- Divert earth-disturbing activities away from the immediate area of the discovery until the Paleontological Monitor has completed salvage. If construction personnel make the discovery, the Grading Contractor shall immediately divert construction and notify the Paleontological Monitor of the find.
- Prepare, identify, and curate all recovered fossils for documentation in the summary report and transfer to an appropriate depository (e.g., Western Science Center of Riverside County).
- Prepare and submit a technical report describing the identification, salvage, evaluation, and treatment of all fossils discovered during grading to the District. Transfer collected specimens with a copy of the report to the depository.

**Regulatory Requirement 1**

In accordance with Section 7050.5 of the *California Health and Safety Code*, if human remains are found during ground-disturbing activities, no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent remains shall occur until the County Coroner has determined, within two working days of notification of the discovery, the appropriate treatment and disposition of the human remains. The County Coroner shall be notified within 24 hours of the discovery. If the County Coroner determines that the remains are or are believed to be Native American, s/he shall notify the NAHC in Sacramento within 24 hours. In accordance with Section 5097.98 of the *California Public Resources Code*, the NAHC must immediately notify those person(s) it believes to be the most likely descended from the deceased Native American. The descendants shall complete their inspection within 48 hours of being granted access to the site. The District would then determine, in consultation with a designated Native American representative, the final disposition of the human remains (*California Code of Regulations*, Title 14, Section 15064.5[e]).

Sincerely,

**P S O M A S**



Charles Cisneros, M.S., RPA  
Senior Archaeologist, Project Manager

Attachments:   A – Exhibit 1 – Project Location  
                      B – Confidential EIC Record Search Results  
                      C – Sacred Land File Search Results  
                      D – WSC Record Search Results

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## REFERENCES

- Jefferson, G.T. 1991a. *A Catalogue of Late Quaternary Vertebrates from California: Part One, Nonmarine Lower Vertebrate and Avian Taxa*. Natural History Museum of Los Angeles County, Technical Report No. 5.
- . 1991b. *A Catalogue of Late Quaternary Vertebrates from California: Part Two: Mammals*. Natural History Museum of Los Angeles County, Technical Report No. 7.
- Morton et al. 2006
- Springer, K.B., E. Scott, J.C. Sagebiel, and L.K. Murray. 2009. The Diamond Valley Lake local fauna: Late Pleistocene vertebrates from inland southern California, in Albright, L.B.I., ed., *Papers on Geology, Vertebrate Paleontology, and Biostratigraphy in Honor of Michael O. Woodburne*: Flagstaff, Arizona, Museum of Northern Arizona.
- Woodford, A.O., J.S. Shelton, D.O. Doehring, R.K. Morton. 1971. Pliocene-Pleistocene History of the Perris Block, Southern California. *Geological Society of America Bulletin* (December), 82: 3421-3448.

**ATTACHMENT A**  
**EXHIBIT 1 – PROJECT LOCATION**

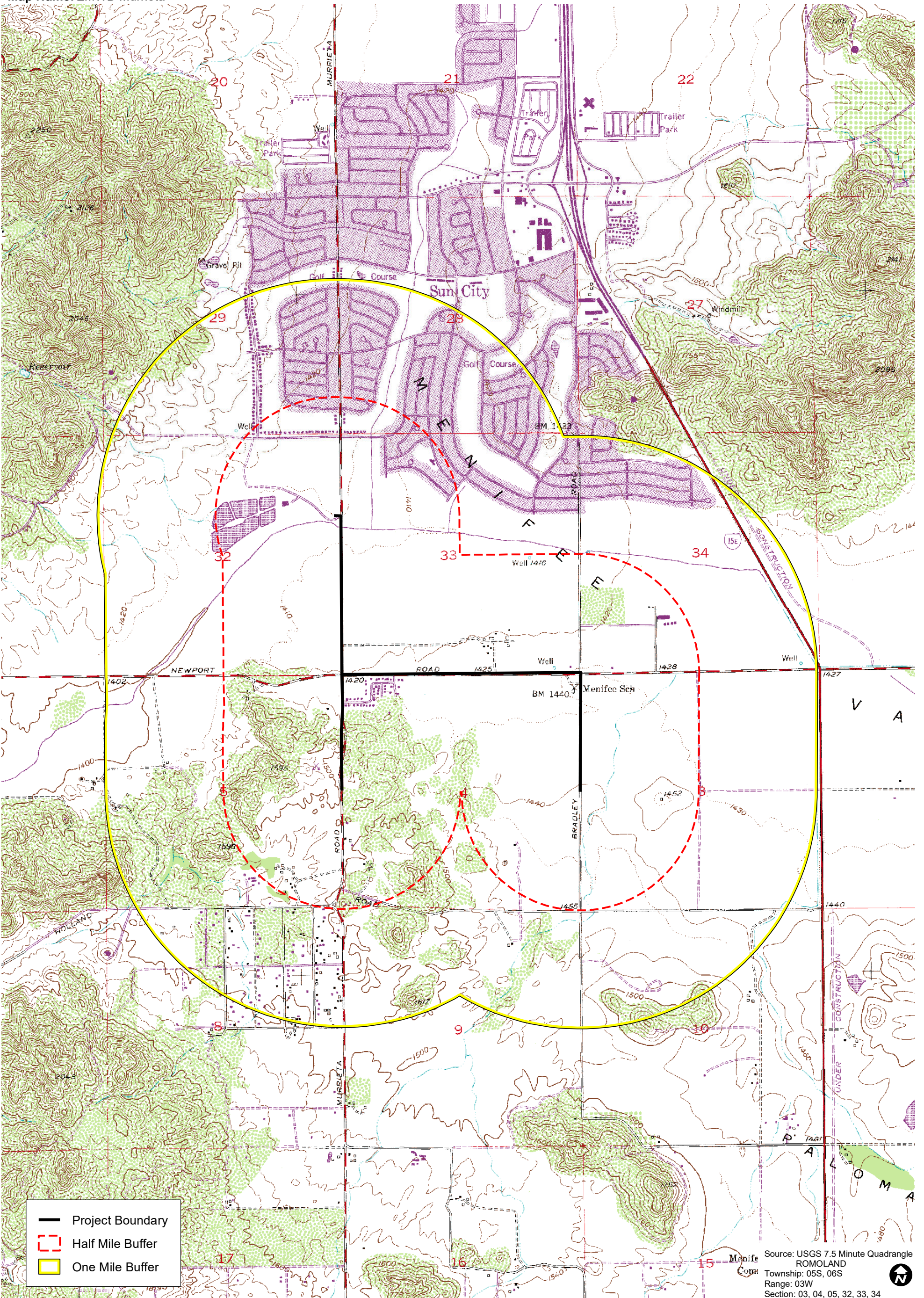




# LOCATION MAP

\*Map Name: EMWD Murrieta

\*Scale: 1:24,000



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**ATTACHMENT B**  
**CONFIDENTIAL EIC RECORD SEARCH RESULTS**





## Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-00228	NADB-R - 1080285; Other - 264; Voided - MF-0215	1977	Ken Daly	Archaeological Assessment of the NW 1/4 of Section 10, T6S, R3W, Romoland Quadrangle, Riverside County, California		33-000337, 33-000341
RI-00399	NADB-R - 1080446; Submitter - 0362; Voided - MF-0348	1978	Renee Giansanti and Donna Belligio	Environmental Impact Evaluation: An Archaeological Assessment of Tentative Parcel Map 12010, Antelope Valley Area of Riverside County, California	Archaeological Research Unit, U.C. Riverside	
RI-00512	NADB-R - 1080551; Submitter - 354; Voided - MF-0444	1978	Stan Wilmoth	Environmental Impact Evaluation: Archaeological Assessment of Tentative Parcel Map 11380, Temecula Area of Riverside County, California	Archaeological Research Unit, U.C. Riverside	
RI-00557	NADB-R - 1080595; Voided - MF-0485	1979	Larry L. Bowles and Jean A. Salpas	Archaeological Assessment of Tentative Parcel 12,802	Archaeological Consultant	33-000332
RI-00625	NADB-R - 1080676; Submitter - 447; Voided - MF-0554	1979	Rene Giansanti	Environmental Impact Evaluation: An Archaeological Assessment of Tentative Parcel 13834 Amended #1, South of Sun City, Riverside County, California	Archaeological Research Unit, U.C. Riverside	33-001698
RI-00770	NADB-R - 1080822; Voided - MF-0692	1980	Larry L. Bowles and Jean A. Salpas	An Archaeological Assessment of Parcel 15811	Archaeological Consultant	
RI-00771	NADB-R - 1080823; Voided - MF-0693	1980	Larry L. Bowles and Jean A. Salpas	An Archaeological Assessment of Parcel 15837	Archaeological Consultant	
RI-00784	NADB-R - 1080836; Voided - MF-0705	1980	Larry L. Bowles and Jean A. Salpas	An Archaeological Assessment of Parcel 15715 Near Sun City, Riverside County	Archaeological Consultants	33-001845
RI-00788	NADB-R - 1080840; Voided - MF-0709	1980	Larry L. Bowles	An Archaeological Assessment of Parcel 15906 Near Sun City, Riverside County	Archaeological Consultants	
RI-00791	NADB-R - 1080843; Voided - MF-0712	1980	Larry L. Bowles	An Archaeological Assessment of Parcel 16119	Archaeological Consultants	
RI-00852	NADB-R - 1080905; Voided - MF-0770	1980	Rene Giansanti	Environmental Evaluation: An Archaeological Assessment of Tentative Parcel 14659, Menifee Valley Area of Riverside County, California	LGS & Associates, Riverside, CA	
RI-00916	NADB-R - 1080968; Voided - MF-0830	1980	Roger J. Desautels	Archaeological Survey Report on a 288 Acre Parcel Located in the Vicinity of Sun City, County of Riverside, California, Tentative Map Number-Parcel 15423	Scientific Resource Surveys, Inc., Santa Ana, CA	33-002009
RI-01126	NADB-R - 1081226; Submitter - 602; Voided - MF-1067	1981	Deborah Moore	Environmental Impact Evaluation: An Archaeological Assessment of a Proposed 623 Acre Residential Development South of Sun City, Riverside County, California	Archaeological Research Unit, U.C. Riverside	33-002074

## Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-01127	NADB-R - 1085273; Voided - MF-1067	1998	Bruce Love	Letter Report: Tract Map No. 28990, Archaeological Site CA-RIV-2074	CRM TECH, Riverside, CA	33-002074
RI-01567	NADB-R - 1081859; Voided - MF-1667	1978	BOWLES, LARRY L. and JEAN SALPAS	AN ARCHAEOLOGICAL ASSESSMENT OF PARCEL 12344	AUTHOR(S)	
RI-01570	NADB-R - 1081862; Voided - MF-1670	1978	BOWLES, LARRY L. and JEAN SALPAS	AN ARCHAEOLOGICAL ASSESSMENT OF PARCEL 13840	AUTHOR(S)	33-002543
RI-01571	NADB-R - 1081863; Voided - MF-1671	1979	BOWLES, LARRY L. and JEAN SALPAS	AN ARCHAEOLOGICAL ASSESSMENT OF PARCEL 13873	AUTHOR(S)	
RI-01572	NADB-R - 1081864; Voided - MF-1672	1979	BOWLES, LARRY L. and JEAN SALPAS	AN ARCHAEOLOGICAL ASSESSMENT OF PARCEL 14613	AUTHOR(S)	
RI-01971	NADB-R - 1082377; Voided - MF-2151	1985	PETER, KEVIN J.	CULTURAL RESOURCES INVESTIGATION - AUDIE MURPHY RANCH, RIVERSIDE COUNTY, CALIFORNIA	SCIENTIFIC RESOURCE SURVEYS, INC., Huntington Beach, CA	33-001031, 33-001032, 33-001034, 33-001035, 33-001037, 33-001066, 33-008819, 33-008820
RI-02074	NADB-R - 1085701; Submitter - CRM TECH Contract #592; Voided - MF-2269	2000	LOVE, BRUCE, BAI "TOM" TANG, and MICHAEL HOGAN	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT THE BUNGALOWS AT JURUPA TENTATIVE TRACT MAP NO. 28851 NEAR THE COMMUNITY OF SUNNYSLOPE RIVERSIDE COUNTY, CALIFORNIA.	CRM TECH, Riverside, CA	33-000674
RI-02184	NADB-R - 1082611; Submitter - 918; Voided - MF-2370	1987	MCCARTHY, DANIEL F.	AN ARCHAEOLOGICAL ASSESSMENT OF TENTATIVE PARCEL 22745 LOCATED SOUTH OF SUN CITY IN WESTERN RIVERSIDE COUNTY, CALIFORNIA	ARCHAEOLOGICAL RESEARCH UNIT, U.C. RIVERSIDE	
RI-02284	NADB-R - 1082721; Voided - MF-2477	1987	DEL CHARIO, KATHLEEN C.	ARCHAEOLOGICAL ASSESSMENT OF TT 22488, NEAR SUN CITY, RIVERSIDE COUNTY, CALIFORNIA	ARCHAEOLOGICAL RESOURCE MANAGEMENT CORPORATION	33-004223
RI-02407	NADB-R - 1082902; Voided - MF-2644	1987	DROVER, C.E.	AN ARCHAEOLOGICAL ASSESSMENT OF PM 22475, RIVERSIDE COUNTY, CALIFORNIA	AUTHOR(S)	
RI-02467	NADB-R - 1082960; Voided - MF-2699	1989	DROVER, C.E.	A CULTURAL RESOURCE INVENTORY, SUN CITY PROJECT NEAR SUN CITY, CALIFORNIA	AUTHOR(S)	
RI-02622	NADB-R - 1083098; Voided - MF-2834	1989	DROVER, CHRISTOPHER E.	AN ARCHAEOLOGICAL SURVEY OF THE PALOMA CHANNEL AND TRANSITION SOUTH OF SUN CITY, CALIFORNIA.	AUTHOR(S)	

## Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-02623	NADB-R - 1085353; Voided - MF-2834	1997	MCKENNA, JEANETTE A and RICHARD S. SHEPARD	A PHASE I CULTURAL RESOURCES INVESTIGATION FOR THE PEBLEY PROPERTY, MENIFEE, RIVERSIDE COUNTY, CALIFORNIA	AUTHORS	33-008857
RI-03189	NADB-R - 1083751; Other - 89-90; Voided - MF-3408	1990	PEAK AND ASSOCIATES and Brian F. Mooney Associates	CULTURAL RESOURCES ASSESSMENT OF AT&T'S PROPOSED SAN BERNARDINO TO SAN DIEGO FIBER OPTIC CABLE, SAN BERNARDINO, RIVERSIDE AND SAN DIEGO COUNTIES, CALIFORNIA	PEAK AND ASSOCIATES & BRIAN F. MOONEY ASSOCIATES	
RI-03201	NADB-R - 1083763; Voided - MF-3419	1991	KELLER, JEAN	AN ARCHAEOLOGICAL ASSESSMENT OF PUBLIC USE PERMIT 716: 4.28 ACRES OF LAND NEAR SUN CITY, RIVERSIDE COUNTY, CALIFORNIA	Consulting Archaeologist, Temecula, CA	
RI-03691	NADB-R - 1084463; Voided - MF-3994	1993	KELLER, JEAN	A PHASE I ARCHAEOLOGICAL ASSESSMENT OF PUBLIC USE PERMIT 747. 1.0 ACRE OF LAND NEAR SUN CITY, RIVERSIDE COUNTY, CALIFORNIA USGS ROMOLAND, CALIFORNIA QUADRANGLE, 7.5' SERIES	PRIVATE	
RI-03857	NADB-R - 1084737; Voided - MF-4203	1994	DROVER, CHRISTOPHER E.	ENVIRONMENTAL IMPACT EVALUATION: A CULTURAL RESOURCES IMPACT ASSESSMENT OF THE PROPOSED MENIFEE DESALTER LINE, CA. 1450' PIPELINE ALIGNMENT, NEWPORT ROAD & INTERSTATE 215	Consulting Archaeologist and Inland Planning, Perris, CA	
RI-04045	NADB-R - 1085521; Voided - MF-4480	1999	PIGNIOLO, ANDREW R. and MICHAEL BAKSH	ARCHAEOLOGICAL SURVEY REPORT FOR THE AGUA CALIENTE TRIBAL COMMUNITY CENTER, AGUA CALIENTE INDIAN RESERVATION, PALM SPRINGS, CALIFORNIA.	TIERRA ENVIRONMENTAL SERVICES	33-008084, 33-008085, 33-008086
RI-04222	NADB-R - 1085429; Voided - MF-4694	1999	CHANDLER, EVELYN N. and VALERIE M. HALLETT	PHASE I ARCHAEOLOGICAL SURVEY OF 7 ACRES IN SUN CITY, RIVERSIDE COUNTY, CALIFORNIA.	TETRA TECH, INC.	
RI-04224	NADB-R - 1085431; Submitter - CRM TECH Contract #404; Voided - MF-4696	1999	LOVE, BRUCE and BAI "TOM" TANG	HISTORICAL/ARCHAEOLOGICAL RESOURCES SURVEY REPORT: LA PIEDRA WATERLINE PROJECT, EASTERN MUNICIPAL WATER DISTRICT, RIVERSIDE COUNTY, CALIFORNIA.	CRM TECH, Riverside, CA	33-008853, 33-008854, 33-008855, 33-008856, 33-008857, 33-008858

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-04245	NADB-R - 1085473; Submitter - CRM TECH Contract #486; Voided - MF-4726	2000	LOVE, BRUCE, BAI "TOM" TANG, and ADRIAN SANCHEZ MORENO	CULTURAL RESURCES REPORT: HONIG INVESTMENT GROUP SELF-STORAGE PROJECT, NEAR THE INTERSECTION OF NEWPORT ROAD AND BRADLEY ROAD, MENIFEE VALLEY, RIVERSIDE COUNTY, CALIFORNIA.	CRM TECH, Riverside, CA	
RI-04375	NADB-R - 1085687; Voided - MF-4872	1999	WHITE, ROBERT S. and LAURIE S. WHITE	AN ARCHAEOLOGICAL ASSESSMENT OF THE EASTERN MUNICIPAL WATER DISTRICT MENIFEE DESALTER PROJECT, SUN CITY AND MENIFEE, RIVERSIDE COUNTY.	L & L ENVIRONMENTAL, INC., Corona, CA	33-001029
RI-04404	NADB-R - 1085736; Voided - MF-4913	2000	JONES AND STOKES ASSOCIATES, INC.	FINAL CULTURAL RESOURCES INVENTORY REPORT FOR THE WILLIAMS COMMUNICATIONS, INC., FIBER OPTIC CABLE SYSTEM INSTALLATION PROJECT, RIVERSIDE TO SAN DIEGO, CALIFORNIA VOL I-IV.	JONES AND STOKES ASSOCIATES, INC.	33-000816, 33-000817, 33-000862, 33-001845, 33-002970, 33-003081, 33-003839, 33-004202, 33-004624, 33-004744, 33-004768, 33-007587, 33-007601, 33-008105, 33-008172, 33-009772, 33-009773, 33-009774, 33-009775, 33-009776
RI-04603	NADB-R - 1085963	2001	DEMACK, CAROL R.	PHASE I ARCHAEOLOGICAL ASSESSMENT OF 60-ACRE PARCEL IN THE MENIFEE VALLEY, RIVERSIDE COUNTY, CALIFORNIA	ARCHAEOLOGICAL RESOURCE MANAGEMENT CORPORATION	
RI-04804	NADB-R - 1086166; Other - TC# 13531-01	2005	TETRA TECH, INC.	ARCHAEOLOGICAL AND PALEONTOLOGICAL RESOURCES MONITORING REPORT REGARDING GROUND-DISBURBING ACTIVITIES IN THE 67.3-ACRE COUNTY GLEN II PROJECT SITE, MENIFEE, RIVERSIDE COUNTY, CALIFORNIA	TETRA TECH, INC., San Bernardino, CA	33-014399, 33-014400
RI-04880	NADB-R - 1086242; Submitter - BRG-01- 170ARCH	2001	DICE, MICHAEL, E. BRUCE LANDER, and LESLIE NAY IRISH	A PHASE 1 ARCHAEOLOGICAL RESOURCE SURVEY AND A PALEONTOLOGICAL RECORDS REVIEW OF TRACT#28207 (APN#357-150-038), A 79.19-ACRE RESIDENTIAL PROJECT LOCATED NEAR GARBANI AND MENIFEE ROADS, COUNTY OF RIVERSIDE, CALIFORNIA.	L&L ENVIRONMENTAL, INC.	33-011163, 33-011164

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-04881	NADB-R - 1086243; Submitter - FHG-00-272	2001	DICE, MICHAEL and LESLIE NAY IRISH	A PHASE I ARCHAEOLOGICAL SURVEY OF TRACT #29862, A 16.59-ACRE RESIDENTIAL PROJECT LOCATED NEAR NEWPORT AND BRADLEY ROADS, MENIFEE, COUNTY OF RIVERSIDE, CALIFORNIA.	L&L ENVIRONMENTAL, INC.	
RI-04883	NADB-R - 1086245; Submitter - FHG-01-227	2002	HALL, BARBARA ANN	A PHASE I ARCHAEOLOGICAL RESOURCE SURVEY OF TRACT #28990, A 59.67-ACRE RESIDENTIAL PROJECT LOCATED NEAR HOLLAND AND BRADLEY ROADS, MENIFEE, COUNTY OF RIVERSIDE, CALIFORNIA	L&L ENVIRONMENTAL, INC., Corona, CA	33-002074
RI-04907	NADB-R - 1086269; Submitter - VM-03-215	2003	IRISH, LESLIE NAY, ANNA M. HOOVER, and KRISTIE R. BLEVINS	AN ARCHAEOLOGICAL SURVEY REPORT FOR MENIFEE SITE APN 338-150-031, REZONE LLC, MENIFEE, COUNTY OF RIVERSIDE, CALIFORNIA	L&L ENVIRONMENTAL, INC., Corona, CA	
RI-05383	NADB-R - 1086746	2004	KELLER, JEAN A.	A PHASE I CULTURAL RESOURCES ASSESSMENT OF TENTATIVE PARCEL MAP 32770	JEAN KELLER	
RI-05826	NADB-R - 1087189	1990	MACKO, MICHAEL E.	MASTER, ARCHAEOLOGICAL PRESERVATION PLAN, AUDIE MURPHY RANCH, RIVERSIDE COUNTY, CA	THE KEITH COMPANIES, Costa Mesa, CA	33-001031, 33-001032, 33-001034, 33-001035, 33-001036, 33-001037, 33-008821, 33-008822, 33-008823, 33-008824
RI-05875	NADB-R - 1087238; Submitter - CRM TECH Contract #793	2002	LOVE, BRUCE and BAI TANG	HISTORICAL/ARCHAEOLOGICAL RESORUCES SURVEY REPORT, TENTATIVE TRACT MAP NO. 30422, MENIFEE EAST SPECIFIC PLAN, MENIFEE VALLEY, RIVERSIDE COUNTY, CA	CRM TECH, Riverside, CA	
RI-06923	Submitter - job No. 04-06-04-1204	2006	McKenna, Jeanette A.	A Phase I Cultural Resource Investigation of the Hidden Hills Addendum Parcels, (Formerly Cimarron Valley Estates) in the Murrieta Area of Riverside County, California	McKenna et al	
RI-06924	Submitter - job # 01- 06-04-1164	2006	Jeanette A. McKenna	Results of an Archaeological Monitoring Program at the Hidden Hills Project Area, A KB Home Development in the Menifee/Murrieta Area of Riverside County, California	McKenna et al.	
RI-07278		2001	Robert S. White and Laura S. White	A Cultural Resources Assessment of A 60.5-Acre Parcel As Shown on Tentative Tract Map 30040, Sun City, Riverside County	Archaeological Associates	

## Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-07280		2006	Robert S. White and Laura S. White	Phase I Cultural Resources Assessment of the 305-Acre Countryside Development Project (Specific Plan 194) Located North of Holland Road and West of Interstate 215, Menifee, Unincorporated Riverside County	Archaeological Associates	
RI-07281		2007	Laura S. White and Robert S. White	A Phase I Cultural Resources Assessment of the 3 Acre Newport Commons Professional Center, Plot Plan 22262, Located West of the Intersection of Camino Delores and Cabrillo Drive, Sun City, Unincorporated Riverside County	Archaeological Associates, Sun City, CA	
RI-07293		2007	Bai Tom Tang and Michael Hogan	Historical/Archaeological Resources Survey Report: Assessor's Parcel No. 360-130-003 In the Community of Menifee, Riverside County, California	CRM TECH	
RI-07627		2008	Lord, Kenneth J.	Phase I Cultural Resources Assessment APNj 338-170-025 Menifee Area, Riverside County, California	Michael Brandman Associates	
RI-07632		2006	Collins, Nora and Brian F. Smith	A Phase I Archaeological Assessment for the Galvez-Menifee Project, Riverside County, California APN 360-210-001; TM 34402	Brian F. Smith and Associates	
RI-08179		2007	Brian F. Smith, Johnna Buysse, James Clifford, Shannon Gilbert, and Larry Pierson	Archaeological Investigations at Audie Murphy Ranch: A Study of Archaic and Late Prehistoric Occupation Sites Along Salt Creek, Western Riverside County	Brian F. Smith and Associates, Poway, CA	33-001031, 33-001034, 33-003937, 33-008823, 33-011505, 33-011546, 33-011547
RI-08185		2007	Roger D. Mason	Cultural Resources Monitoring Report for Phase I of the Countryside Development Project, Menifee, Riverside County, California.	ECORP Consulting, Inc., Santa Ana, CA	
RI-08396		2010	Joan George and Dennid McDougall	Cultural Resources Report for the Sun City Force Main and Recycled Water Project, Riverside County, California.	Applied EarthWorks, Inc.	
RI-08699	Submitter - IE24256-B	2011	Wayne H. Bonner and Sarah A. Williams	Cultural Resources Record Search and Site Visit Results for T-Mobile USA Candidate IE24256-B	Michael Brandman Associates	
RI-08884		2012	Joan George	Letter Report: Archaeological Monitoring for the Santa Rosa Academy/City of Menifee PUP 2011-165 Project	Applied EarthWorks, Inc.	

## Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-08987		2013	Michael Kay	Cultural Resources Monitoring Report for the Stark Menifee Monitoring Project, TPM 36299, City of Menifee, Riverside County, California	Applied Earth Works, Inc.	
RI-09021		2013	Robert Cunningham, Wendy Jones, Evelyn N. Chandler, and Roger Mason	Cultural Resources Investigation Results of the Marshalling Yard Survey, Access Road Survey, and Supplemental 115kV Transmission Line Survey in Support of the Alberhill Substation, Riverside County, California	ECORP CONSULTING, INC.	33-003308, 33-012067, 33-015743, 33-019925, 33-021068, 33-021069, 33-021162
RI-09093		2014	Michael Hotgan	Addendum to Phase I Cultural Resources Assessment: Tentative Tract Map No. 36658 (Off-site Improvements) City of Menifee, Riverside County, California CRM TECH Contract No. 2802	CRM TECH	
RI-09154		2013	Brian F. Smith and Tracy A. Stropes	An Updated Phase I Cultural Resources Assessment for Tentative Tract Maps 36484 and 36485, Audie Murphy Ranch City of Menifee, County of Riverside	Brian F. Smith and Associates, Inc.	
RI-09246		2013	Roger D. Mason and Wendy Blumel	RESULTS OF ARCHAEOLOGICAL TEST PROGRAMS AT CA-RIV-1021 AND ISOLATED MILLING FEATURE CH-001 CANYON HILLS PHASE 7 PROJECT AREA CITY OF LAKE ELSINORE, RIVERSIDE COUNTY	ECORP CONSULTING, INC.	
RI-09565		2015	Gabriel Ocampo	Del Monte/ Ensite #25659 (290556)	EBI Consulting	
RI-09758		2015	Hannah Haas, Robert Ramirez, and Kevin Hunt	Eastern Municipal Water District Perris II Brackish Groundwater Desalter Project	Rincon Consultants	
RI-09778		2016	Dennis McDougall and Joan George	Cultural Resources Monitoring Report for the Menifee Town Center Loop Roads, Park, and Recreation Center Monitoring Project, City of Menifee, Riverside County, California	Applied Earthworks Inc.	
RI-09779		2016	Dennis McDougall and Joan George	Cultural Resources Assessment of 35.3 Acres for Tentative Tract Map (TTM) 36303, City of Menifee, Riverside County, California	Applied Earthworks, Inc.	
RI-09809		2016	Brian F. Smith and Jennifer R. Kraft	Cultural Resources Monitoring Report for the PA 31 Park at Tract 31393 Project, Menifee, California	Brian F. Smith & Associates	33-011509, 33-011546

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-10022		2016	Dennis McDougall and Tiffany Clark	Cultural Resources Assessment of Assessor's Parcel NO. 360-130-003 in the City of Menifee, Riverside County, California	Applied EarthWorks, Inc.	
RI-10116	Other - TRF1615	2016	DAVID BRUNZELL	PHASE 1 CULTURAL RESOURCES ASSESSMENT DEL MONTE PROJECT ASSESSOR PARCEL NUMBERS 338-024-031, -032 CITY OF MENIFEE, RIVERSIDE COUNTY, CALIFORNIA	BCRCONSULTING LLC	
RI-10122	Other - PRP1602	2017	RIORDAN GOODWIN	CULTURAL RESOURCES ASSESSMENT NEWPORT/HAUN COMMERCIAL PROJECT CITY OF MENIFEE RIVERSIDE COUNTY, CALIFORNIA	LSA	
RI-10161		2016	Tria Maria Belcourt	Phase 1 Cultural Resources Assesment: Tadis Homes 21 Lot Residential Development Project City of Menifee, Riverside County, California	Material Culture Consulting	
RI-10190	Other - CML 5956 (241)	2017	DENNIS MCDUGALL, JOAN GEORGE, and VANESSA MIRRO	ARCHAEOLOGICAL SURVEY REPORT FOR THE SALT CREEK TRAIL PROJECT RIVERSIDE COUNTY, CALIFORNIA CML 5956 (241)	APPLIED EARTHWORKS INC	33-001162, 33-008819, 33-011547
RI-10191	Other - CML 5956 (241)	2017	DENNIS MCDUGALL, JOAN GEORGE, and VANESSA MIRRO	HISTORIC PROPERTY SURVEY REPORT FOR THE SALT CREEK TRAIL PROJECT RIVERSIDE COUNTY, CALIFORNIA CML 5956 (241)	APPLIED EARTHWORKS INC	33-001162, 33-008819, 33-011547
RI-10233		2017	SARAH WILLIAMS	CULTURAL RESOURCES RECORDS SEARCH AND SITE VISIT RESULTS FOR AT&T MOBILITY, LLC CANDIDATE CLV0344 (NEWCOMB SUSBTATION), MURRIETA ROAD, MENIFEE, RIVERSIDE COUNTY, CALIFORNIA. CASPR #: 3551A084QE	ENVIRONMENTAL ASSESSMENT SPECIALISTS, INC.	
RI-10288		2017	TRACY A. STROPES and BRIAN F. SMITH	A CLASS III ARCHAEOLOGICAL STUDY FOR THE TRACT 28859 PROJECT FOR SECTION 106 COMPLIANCE, RIVERSIDE COUNTY, CALIFORNIA	BRIAN F. SMITH AND ASSOCIATES, INC.	
RI-10308	Submitter - BRIAN F. SMITH AND ASSOCIATES	2017	TRACY A. STROPES and BRIAN F. SMITH	A CLASS III ARCHAEOLOGICAL STUDY FOR THE TRACT 28859 PROJECT FOR SECTION 106 COMPLIANCE	BRIAN F. SMITH & ASSOCIATES	



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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
RI-10359		2014	Curt Duke and Nicholas F. Hearth	Cultural and Paleontological Resources Assessment Proposed Menifee USD Education Center Haun Road, Riverside County, California	Duke CRM	
RI-10381	Other - Tract No. 37179	2018	Brian F. Smith	Results of Archaeological Monitoring at the Menifee Town Center (DA-4) Project (Tract No. 37179), City of Menifee, California (Negative Archaeological Monitoring Report)	Brian F. Smith and Associates, Inc.	
RI-10536		2017	Brian F. Smith	Results of Archaeological Monitoring at Audie Murphy Ranch, TR 36485-1 (Willow Tree Development), City of Menifee, California (Negative Archaeological Monitoring Report)	Brian F. Smith and Associates, Inc.	
RI-10537		2018	Brian F. Smith	Results of Archaeological Monitoring at Audie Murphy Ranch, TR 31822-1, -2, and -F; TR 36484; and TR 36485-2 through -11 and -F (GP 14-070; PM32269), City of Menifee, California	Brian F. Smith and Associates, Inc.	33-028062
RI-10538		2018	Brian F. Smith	Archaeological Assessment of the PA-7 School Site at Audie Murphy Ranch	Brian F. Smith and Associates, Inc.	33-028062
RI-10635		2016	Sarah A. Williams and Carrie D. Wills	Cultural Resource Records Search and Site Visit Results for Cellco Partnership and their Controlled Affiliates doing business as Verizon Wireless Candidate 'Moondance', 26900 Newport Road, Menifee, Riverside County, California	HELIX Environmental Planning	
RI-10648		2016	Carrie D. Wills	Cultural Resource Records Search and Site Visit Results for Cellco Partnership and their Controlled Affiliates doing business as Verizon Wireless Candidate 'Texas', South Canyon Drive, Unaddressed Parcel, Menifee, Riverside County, California	Helix Environmental Planning	



PrimaryString	TrinomialString	ResourceName	OtherIDs	ResType	Age	InfoBase	Attribs	ResourceDisclosure	ResourceCollections	AccessionNo	CollectionsFacility	ResourceNotes	RecordingEvents	Reports	CountyName	Maps	Address	PLSS	UTM
P-33-000332	CA-RIV-000332		Other - SBCM-267; Other - Christenson-Webb site, Locus A; Other - Christenson I; Other - SBCM-589	Site	Prehistoric		AP02; AP03; AP04; AP15	Not for publication	Yes				1963 (P. Chace, n/a); 1973 (Hammond, San Bernardino County Museum); 1979 (Bowles); 2017 (Courtney J. Accardy, Brian F. Smith and Assoc.)	RI-00118, RI-00534, RI-00557, RI-05270	Riverside	ROMQLAND			
P-33-000337	CA-RIV-000337			Other	Prehistoric	Unknown	AP07	Not for publication	Unknown				1964 (MK, n/a)	RI-00228, RI-00534	Riverside	ROMQLAND			
P-33-000340	CA-RIV-000340		Other - SDM W-2947-C; Other - Menifee Valley; Other - UCR-Riv-334	Site	Prehistoric		AP02; AP04; AP05; AP06	Not for publication	Unknown				1964 (M. Kowta, n/a); 1981 (Ken Hedges, San Diego Museum of Man); 1987 (Daniel McCarthy, Archaeological Research Unit, U C Riverside); 2003 (Anna M. Hoover and Kristie R. Blevins, n/a)	RI-00534, RI-02150, RI-02151, RI-02152, RI-04904	Riverside	ROMQLAND			
P-33-000341	CA-RIV-000341			Other	Prehistoric		AP08	Not for publication	Unknown				1964 (M Kowta, n/a)	RI-00228, RI-00534	Riverside	ROMQLAND			
P-33-001021	CA-RIV-001021		Other - SBCM - 269; Other - Christenson II	Site	Prehistoric	Survey	AH04; AP02; AP03; AP15	Not for publication	No				1963 (Paul Chace, n/a); 1963 (G.A. Smith, n/a); 1976 (Eastvold, n/a); 1987 (S. Dibble, n/a); 2009 (M. Bray, ESA); 2016 (Ryan Tubbs, ECORP Consultants Inc.)	RI-00534, RI-02164, RI-08277, RI-08361, RI-09658	Riverside	ROMQLAND			
P-33-001028	CA-RIV-001028			Site, Other	Unknown		AP01	Not for publication	Unknown				1976 (Eastvold, n/a)	RI-00534	Riverside	ROMQLAND			
P-33-001029	CA-RIV-001029		Other - UCAS - 097	Site, Other	Unknown		AP01	Not for publication	Unknown				1876 (Eastvold, n/a); 1981 (D. Moore, n/a)	RI-00534, RI-04375	Riverside	ROMQLAND			
P-33-001031	CA-RIV-001031		Other - Audie Murphy Ranch; Other - Pig Pen Site	Site	Prehistoric		AP02; AP04; AP05; AP06; AP14	Not for publication	Yes				1976 (I. Eastvold, n/a); 1985 (Ron Bissell, RMW Paleo Associates); 2002 (J. Buysse, Brian F. Smith and Associates)	RI-00534, RI-01970, RI-01971, RI-05826, RI-08179	Riverside	ROMQLAND			
P-33-001032	CA-RIV-001032		Other - Menifee Valley Sites - C; Other - Menifee Valley Sites - E; Voiced - 33-001033	Site	Prehistoric	Survey, Surface collection, Testing, Excavation, Analysis	AP02; AP04; AP05; AP06; AP14	Not for publication	Yes	unknown	unknown	Riv 1033 incorporated into RV 1032	1976 (Eastvold, n/a); 1985 (R. Bissell, RMW Paleo Associates); 2002 (J. Buysse, Brian F. Smith and Associates)	RI-00534, RI-01970, RI-01971, RI-05826	Riverside	ROMQLAND			
P-33-001034	CA-RIV-001034		Other - Menifee Valley Sites - B; Other - Audie Murphy Ranch	Site	Prehistoric		AP02; AP04; AP06; AP14	Not for publication	No				1976 (Eastvold, n/a); 1985 (Ron Bissell, RMW Paleo Associates)	RI-00534, RI-01970, RI-01971, RI-05826, RI-08179	Riverside	ROMQLAND			
P-33-001035	CA-RIV-001035			Site	Prehistoric		AP02; AP04; AP05; AP06; AP14	Not for publication	Yes				1976 (I. Eastvold, n/a); 1985 (Ron Bissell, RMW Paleo Associates); 2002 (J. Buysse, Brian F. Smith & Assoc.)	RI-00534, RI-01970, RI-01971, RI-05826	Riverside	ROMQLAND			
P-33-001036	CA-RIV-001036		Other - Audie Murphy Ranch; Other - Menifee Valley Sites - I	Site	Prehistoric		AP02; AP04; AP06	Not for publication	Yes				1976 (Eastvold, n/a); 1985 (Ron Bissell, RMW Paleo Associates); 2002 (J. Buysse, Brian F. Smith & Assoc.)	RI-00534, RI-01970, RI-05826	Riverside	ROMQLAND			
P-33-001037	CA-RIV-001037		Other - Audie Murphy Ranch; Other - Menifee Valley Sites - G	Site	Prehistoric		AP02; AP04; AP06; AP14	Not for publication	Yes				1976 (Eastvold, n/a); 1985 (Ron Bissell, RMW Paleo Associates); 2002 (J. Buysse, Brian F. Smith & Assoc.)	RI-00534, RI-01970, RI-01971, RI-05826	Riverside	ROMQLAND			
P-33-001038	CA-RIV-001038		Other - SBCM-265; Other - Statler Ranch	Site	Prehistoric		AP02; AP04, AP06	Not for publication	Unknown				1953 (G.A. Smith, n/a); 1976 (Eastvold, n/a)	RI-00534	Riverside	ROMQLAND			
P-33-001698	CA-RIV-001698				Prehistoric			Not for publication	Unknown				1979 (Renee Giansanti)	RI-00625	Riverside	ROMQLAND			
P-33-001845	CA-RIV-001845				Prehistoric			Unrestricted	Unknown				1980 (Salpas and Bowles); 2000 (Michael Hogan, CRM TECH, Riverside, CA.); 2000 (S. Ashkar and S. Hilton, Jones & Stokes)	RI-00784, RI-04404, RI-05876	Riverside	ROMQLAND			
P-33-002009	CA-RIV-002009			Site	Prehistoric	Survey	AP04	Not for publication	Unknown				1980 (M. Desautels)	RI-00916, RI-04514	Riverside	ROMQLAND			
P-33-002074	CA-RIV-002074				Prehistoric			Not for publication	Unknown				1981 (D. Moore); 2002 (Barbara Hall and Kristie Harris, L&L Environmental, Corona, CA.)	RI-01126, RI-01127, RI-04883, RI-06799	Riverside	ROMQLAND			
P-33-002092	CA-RIV-002092				Prehistoric			Not for publication	Unknown				1979 (M. Jesperson)	RI-00648	Riverside	ROMQLAND			
P-33-002543	CA-RIV-002543			Site	Prehistoric			Not for publication	Unknown				1979 (Salpas and Bowles)	RI-01569, RI-01570	Riverside	ROMQLAND			
P-33-003308	CA-RIV-003308				Prehistoric			Not for publication	Unknown				1987 (Victor C. deMunck, Archaeological Research Unit, UC Riverside, CA)	RI-02103, RI-02889, RI-09021	Riverside	ROMQLAND			
P-33-003806	CA-RIV-003806				Prehistoric			Not for publication	Unknown				1990 (Brooke S. Arkush, Archaeological Research Unit, UC Riverside, CA)		Riverside	ROMQLAND			
P-33-003937	CA-RIV-003937		Other - Morell 1; Other - AM-6		Prehistoric, Historic			Not for publication	Yes				1985 (Ron Bissell, RMW Paleo Associates); 1990 (Joan C. Brown, RMW Paleo Associates); 2002 (J. Buysse, Brian F. Smith & Assoc.)	RI-02847, RI-08179	Riverside	ROMQLAND			
P-33-004223	CA-RIV-004223		Other - ARMC #2	Site	Prehistoric			Not for publication	Unknown				1987 (K. Del Chanto)	RI-02284	Riverside	ROMQLAND			
P-33-004225	CA-RIV-004225		Other - ARMC #1	Site	Prehistoric			Not for publication	Unknown				1987 (K. Del Chanto)		Riverside	ROMQLAND			
P-33-007703					Historic			Not for publication	Unknown				1982 (W. Hedges, Riverside County Historical Comm.)		Riverside	ROMQLAND			
P-33-008821	CA-RIV-006257				Prehistoric			Not for publication	Unknown				1985 (Ron Bissell, RMW Paleo Associates, Mission Viejo, CA)	RI-01970, RI-05826	Riverside	ROMQLAND			
P-33-008822	CA-RIV-006258				Prehistoric			Not for publication	Unknown				1985 (Ron Bissell, RMW Paleo Associates, Mission Viejo, CA)	RI-01970, RI-05826	Riverside	ROMQLAND			
P-33-008823	CA-RIV-006259				Prehistoric			Not for publication	Unknown				1985 (Ron Bissell, RMW Paleo Associates, Mission Viejo, CA)	RI-01970, RI-05826, RI-08179	Riverside	ROMQLAND			
P-33-008824	CA-RIV-006260				Prehistoric			Not for publication	Unknown				1985 (Ron Bissell, RMW Paleo Associates, Mission Viejo, CA)	RI-01970, RI-05826	Riverside	ROMQLAND			
P-33-008825	CA-RIV-006261				Prehistoric			Not for publication	Unknown				1985 (Ron Bissell, RMW Paleo Associates, Mission Viejo, CA); 2002 (J. Buysse, Brian F. Smith & Associates, Poway, CA)	RI-01970	Riverside	ROMQLAND			
P-33-008826	CA-RIV-006262H		Other - AM-6		Prehistoric			Not for publication	Unknown				1985 (Ron Bissell, RMW Paleo Associates, Mission Viejo, CA)		Riverside	ROMQLAND			
P-33-008851	CA-RIV-006282		Other - Pebley Site 1		Prehistoric			Not for publication	No				1997 (Shepard, Richard, EIP Associates); 2008 (Bholet, Sara, ECORP Consulting, Inc.)		Riverside	ROMQLAND			
P-33-008853	CA-RIV-006283		Other - CRM TECH 404-m1		Prehistoric			Not for publication	No				1999 (Natasha Johnson, CRM TECH, Riverside, CA)	RI-04224	Riverside	ROMQLAND			
P-33-008854	CA-RIV-006284		Other - CRM TECH 404-m2		Prehistoric			Not for publication	No				1999 (Natasha Johnson, CRM TECH, Riverside, CA)	RI-04224	Riverside	ROMQLAND			
P-33-008855	CA-RIV-006285		Other - CRM TECH 404-m3		Prehistoric			Not for publication	No				1999 (Natasha Johnson, CRM TECH, Riverside, CA)	RI-04224, RI-04514	Riverside	ROMQLAND			
P-33-008856	CA-RIV-006286		Other - CRM TECH 404-m4		Prehistoric			Not for publication	No				1999 (Natasha Johnson, CRM TECH, Riverside, CA)	RI-04224, RI-04514	Riverside	ROMQLAND			
P-33-010990	CA-RIV-006640			Site	Prehistoric									RI-04514	Riverside	ROMQLAND			
P-33-010991	CA-RIV-006641			Site	Prehistoric									RI-04514	Riverside	ROMQLAND			
P-33-011505	CA-RIV-006858			Site	Prehistoric									RI-08179	Riverside	ROMQLAND			
P-33-011506	CA-RIV-006859			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011508	CA-RIV-006861			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011513	CA-RIV-006866			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011514				Structure	Historic										Riverside	ROMQLAND			
P-33-011515	CA-RIV-006867			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011540	CA-RIV-006869			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011541	CA-RIV-006870			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011542	CA-RIV-006871			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011543	CA-RIV-006872			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011544	CA-RIV-006873			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011546	CA-RIV-006874H			Site	Historic	Survey	AH04	Not for publication	No				2002 (J. Buysse, BFSAs); 2016 (Jennifer R. Kraft, BFSAs)	RI-08179, RI-09809	Riverside	ROMQLAND			
P-33-011549	CA-RIV-006877			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011550	CA-RIV-006878			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011551	CA-RIV-006879			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011552	CA-RIV-006880			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011553	CA-RIV-006881			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011554	CA-RIV-006882			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011555	CA-RIV-006883			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011556	CA-RIV-006884			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011557	CA-RIV-006885H			Site	Historic										Riverside	ROMQLAND			

PrimaryString	TrinomialString	ResourceName	OtherIDs	ResType	Age	InfoBase	Attribs	ResourceDisclosure	ResourceCollections	AccessionNo	CollectionsFacility	ResourceNotes	RecordingEvents	Reports	CountyName	Maps	Address	PLSS	UTM
P-33-011558	CA-RIV-006886			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011559	CA-RIV-006887			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011560	CA-RIV-006888			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011561	CA-RIV-006889		Other - AM Temp 11	Site	Prehistoric	Survey	AP02, AP04	Not for publication	Yes			2002 (J. Buysse, Brian F. Smith Associates); 2017 (Stephanie Nelson)	RI-06088, RI-09846		Riverside	ROMQLAND	T6S R3W NW¼ of SW¼ of Sec. 5 SBBM		Zone 11 479400mE 3726000mN NAD83 (N); Zone 11 479540mE 3725500mN NAD83 (S); Zone 11 479625mE 3726000mN NAD83 (E); Zone 11 479380mE 3726000mN NAD83 (W)
P-33-011562	CA-RIV-006890			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011563	CA-RIV-006891			Site	Prehistoric										Riverside	ROMQLAND			
P-33-011564	CA-RIV-006892			Site	Prehistoric										Riverside	ROMQLAND			
P-33-013365				Other	Prehistoric									RI-04757	Riverside	ROMQLAND			
P-33-014399	CA-RIV-007830				Prehistoric			Not for publication	No			2003 (Eiseuson, Daniel J., Tetra Tech, Inc.)	RI-04699, RI-04804		Riverside	ROMQLAND			
P-33-014400	CA-RIV-007831				Prehistoric			Not for publication	No			2003 (Eiseuson, Daniel J., Tetra Tech, Inc.)	RI-04699, RI-04804		Riverside	ROMQLAND			
P-33-015680	CA-RIV-008171				Prehistoric, Historic			Not for publication	No			2005 (Carolyn Orban, Cindy Stoddard, Dave Henley, and Tim Brown, Joshua Tree National Park)	RI-07021		Riverside	PORCLUPINE WASH			
P-33-015723	CA-RIV-008191				Prehistoric			Not for publication	No			2006 (Julie Minor, Tracie Diaz, and Virginia Austerman, Statistical Research, Inc.)	RI-07427		Riverside	ROMQLAND			
P-33-015724	CA-RIV-008192				Prehistoric, Historic			Not for publication	No			2006 (Julie Minor, Virginia Austerma, and Tracie Diaz, Statistical Research, Inc.)	RI-07427		Riverside	ROMQLAND			
P-33-015727					Prehistoric			Not for publication	No			2006 (Julie Minor, Statistical Research, Inc.)	RI-07427		Riverside	ROMQLAND			
P-33-015728					Prehistoric			Not for publication	No			2006 (Julie Minor, Statistical Research, Inc.)	RI-07427		Riverside	ROMQLAND			
P-33-015729					Prehistoric			Not for publication	No			2006 (Julie Minor, Statistical Research, Inc.)	RI-07427		Riverside	ROMQLAND			
P-33-015892	CA-RIV-008255			Site	Prehistoric										Riverside	ROMQLAND			
P-33-015893	CA-RIV-008256			Site	Prehistoric										Riverside	ROMQLAND			
P-33-017944	CA-RIV-011761		Other - Isolated BMF; Other - CH-001	Site	Prehistoric		AP04	Not for publication	Yes	unknown	unknown	2009 (M. Bray, ESA); 2012 (W. Blumel, K. Lindgren, S. Wintergerst, R. Tubbs, EORCP)	RI-08361		Riverside	ROMQLAND			
P-33-024010	CA-RIV-011802		Other - CS-001	Site	Prehistoric	Survey	AP15	Not for publication	No			2013 (Wendy Blumel and Ryan Tubbs, EORCP Consulting); 2013 (W. Blumel and R. Tubbs, EORCP Consulting); 2014 (Wendy Blumel and Andrew Myers, EORCP Consulting)	RI-09661		Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024011	CA-RIV-011803		Other - CS-003	Site	Prehistoric	Testing	AP15	Not for publication	Yes			2013 (Wendy Blumel, Robert Cunningham, and Ryan Tubbs, EORCP Consulting, Inc.)	RI-09658, RI-09661		Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024012			Other - CSI-02	Other	Prehistoric	Survey	AP16	Not for publication	No			2013 (W. Blumel and R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024013			Other - CSI-004	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2013 (W. Blumel, R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024014			Other - CSI-005	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2013 (W. Blumel and R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024015			Other - CSI-018	Other	Historic	Survey	AP16	Not for publication	Yes			2013 (W. Blumel and R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024016			Other - CSI-029	Other	Historic	Survey	AH16	Not for publication	Yes			2013 (W. Blumel and R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024017			Other - CSI-033	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2013 (W. Blumel and R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024019			Other - CSI-035	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2013 (W. Blumel and R. Tubbs, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024020			Other - CSI-036	Other	Prehistoric	Testing	AP16	Not for publication	Yes			2013 (W. Blumel, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024021			Other - CSI-040	Other	Prehistoric	Testing	AP16	Not for publication	Yes			2013 (W. Blumel, EORCP Consulting, Inc.)			Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024022			Other - CS-050-1	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2014 (Wendy Blumel and Andrew Myers, EORCP Consulting, Inc.)	RI-09658		Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024025			Other - CS-052-1	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2014 (Wendy Blumel and Andrew Myers, EORCP Consulting, Inc.)	RI-09658		Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-024028			Other - CS-053-1	Other	Prehistoric	Survey	AP16	Not for publication	Yes			2014 (Wendy Blumel and Andrew Myers, EORCP Consulting, Inc.)	RI-09658		Riverside	ROMQLAND	T6S R3W NE¼ of NW¼ of Sec. 8 SBBM		
P-33-026430			Other - Verizon	Building	Historic	Survey	HP09	Unrestricted	No			2015 (Elsa Bechtel, Millit, LSA Associates, Inc.)			Riverside	ROMQLAND	29311 Bradley Road Menifee 92586 (APN 338-126-012)	T5S R3W Sec. 34 SBBM	
P-33-028521		Kingdom Hall of Jehovah's Witness Sun City Menifee	Resource Name - Kingdom Hall of Jehovah's Witness Sun City Menifee; Other - CRM TECH 3397-1H	Building	Historic	Survey, Analysis	HP13, HP16	Unrestricted	No	n/a	n/a	2018 (Terri Jacquemain, CRM TECH)			Riverside	ROMQLAND	29101 Del Monte Drive Sun City Menifee 92586 (APN 338-020-033)	T5S R3W NW¼ of Sec. 33 SBBM	Zone 11 481567mE 3728630mN NAD83

**ATTACHMENT C**

**SACRED ATTACHMENT LAND FILE SEARCH RESULTS**



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



September 13, 2019

Kassie Sugimoto  
Psomas

VIA Email to: [Kassie.sugimoto@psomas.com](mailto:Kassie.sugimoto@psomas.com)

RE: EMWD Murrieta Road Transmission Line Project, Riverside County

Dear Ms. Sugimoto:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information you have submitted for the above referenced project. The results were positive. Please contact the Pechanga Band of Luiseno Indians on the attached list for more information. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

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

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information. If you have any questions or need additional information, please contact me at my email address: [steven.quinn@nahc.ca.gov](mailto:steven.quinn@nahc.ca.gov).

Sincerely,

A handwritten signature in blue ink that reads "Steven Quinn".

Steven Quinn  
Associate Governmental Program Analyst

Attachment

**Native American Heritage Commission  
Native American Contact List  
Riverside County  
9/13/2019**

**Agua Caliente Band of Cahuilla  
Indians**

Jeff Grubbe, Chairperson  
5401 Dinah Shore Drive  
Palm Springs, CA, 92264  
Phone: (760) 699 - 6800  
Fax: (760) 699-6919  
Cahuilla

**Los Coyotes Band of Cahuilla  
and Cupeño Indians**

Shane Chapparosa, Chairperson  
P.O. Box 189  
Warner Springs, CA, 92086-0189  
Phone: (760) 782 - 0711  
Fax: (760) 782-0712  
Cahuilla

**Agua Caliente Band of Cahuilla  
Indians**

Patricia Garcia-Plotkin, Director  
5401 Dinah Shore Drive  
Palm Springs, CA, 92264  
Phone: (760) 699 - 6907  
Fax: (760) 699-6924  
ACBCI-THPO@aguacaliente.net  
Cahuilla

**Morongo Band of Mission  
Indians**

Robert Martin, Chairperson  
12700 Pumarra Road  
Banning, CA, 92220  
Phone: (951) 849 - 8807  
Fax: (951) 922-8146  
dtorres@morongo-nsn.gov  
Cahuilla  
Serrano

**Augustine Band of Cahuilla  
Mission Indians**

Amanda Vance, Chairperson  
P.O. Box 846  
Coachella, CA, 92236  
Phone: (760) 398 - 4722  
Fax: (760) 369-7161  
hhaines@augustinetribe.com  
Cahuilla

**Morongo Band of Mission  
Indians**

Denisa Torres, Cultural Resources  
Manager  
12700 Pumarra Road  
Banning, CA, 92220  
Phone: (951) 849 - 8807  
Fax: (951) 922-8146  
dtorres@morongo-nsn.gov  
Cahuilla  
Serrano

**Cabazon Band of Mission  
Indians**

Doug Welmas, Chairperson  
84-245 Indio Springs Parkway  
Indio, CA, 92203  
Phone: (760) 342 - 2593  
Fax: (760) 347-7880  
jstapp@cabazonindians-nsn.gov  
Cahuilla

**Pechanga Band of Luiseno  
Indians**

Mark Macarro, Chairperson  
P.O. Box 1477  
Temecula, CA, 92593  
Phone: (951) 770 - 6000  
Fax: (951) 695-1778  
epreston@pechanga-nsn.gov  
Luiseno

**Cahuilla Band of Indians**

Daniel Salgado, Chairperson  
52701 U.S. Highway 371  
Anza, CA, 92539  
Phone: (951) 763 - 5549  
Fax: (951) 763-2808  
Chairman@cahuilla.net  
Cahuilla

**Pechanga Band of Luiseno  
Indians**

Paul Macarro, Cultural Resources  
Coordinator  
P.O. Box 1477  
Temecula, CA, 92593  
Phone: (951) 770 - 6306  
Fax: (951) 506-9491  
pmacarro@pechanga-nsn.gov  
Luiseno

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

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed EMWD Murrieta Road Transmission Line Project, Riverside County.



**Native American Heritage Commission  
Native American Contact List  
Riverside County  
9/13/2019**

**Ramona Band of Cahuilla**

John Gomez, Environmental  
Coordinator  
P. O. Box 391670  
Anza, CA, 92539  
Phone: (951) 763 - 4105  
Fax: (951) 763-4325  
jgomez@ramona-nsn.gov

Cahuilla

**Soboba Band of Luiseno  
Indians**

Joseph Ontiveros, Cultural  
Resource Department  
P.O. BOX 487  
San Jacinto, CA, 92581  
Phone: (951) 663 - 5279  
Fax: (951) 654-4198  
jontiveros@soboba-nsn.gov

Cahuilla  
Luiseno

**Ramona Band of Cahuilla**

Joseph Hamilton, Chairperson  
P.O. Box 391670  
Anza, CA, 92539  
Phone: (951) 763 - 4105  
Fax: (951) 763-4325  
admin@ramona-nsn.gov

Cahuilla

**Torres-Martinez Desert Cahuilla  
Indians**

Michael Mirelez, Cultural  
Resource Coordinator  
P.O. Box 1160  
Thermal, CA, 92274  
Phone: (760) 399 - 0022  
Fax: (760) 397-8146  
mmirelez@tmdci.org

Cahuilla

**Santa Rosa Band of Cahuilla  
Indians**

Mercedes Estrada,  
P. O. Box 391820  
Anza, CA, 92539  
Phone: (951) 659 - 2700  
Fax: (951) 659-2228  
mercedes.estrada@santarosacahuilla-nsn.gov

Cahuilla

**Santa Rosa Band of Cahuilla  
Indians**

Steven Estrada, Chairperson  
P.O. Box 391820  
Anza, CA, 92539  
Phone: (951) 659 - 2700  
Fax: (951) 659-2228  
mflaxbeard@santarosacahuilla-nsn.gov

Cahuilla

**Soboba Band of Luiseno  
Indians**

Scott Cozart, Chairperson  
P. O. Box 487  
San Jacinto, CA, 92583  
Phone: (951) 654 - 2765  
Fax: (951) 654-4198  
jontiveros@soboba-nsn.gov

Cahuilla  
Luiseno

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

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed EMWD Murrieta Road Transmission Line Project, Riverside County.



**ATTACHMENT D**  
**WSC RECORD SEARCH RESULTS**



September 3, 2019

PSOMAS  
Melissa Macias  
3 Hutton Centre Drive, Suite 200  
Santa Ana, CA 92707

Dear Ms. Macias,

This letter presents the results of a record search conducted for the Murrieta Pipeline Project in the city of Menifee, Riverside County, California. The project site consists of two possible pipeline locations with the preferred location running north/south on Murrieta Road, and a secondary optional location running west/east along Newport Road and north/south on Bradley Road. The preferred location is located in Section 33, Township 5 South, and Range 3 West, and the secondary location is located at Section 4, Township 6 South, Range 3 West on the Romoland USGS 7.5 minute quadrangle.

The geologic units underlying the preferred pipeline area are roughly half mid to late Pleistocene alluvial units and half Cretaceous granodiorite units, while the optional secondary location is mapped almost entirely as alluvial fan deposits dating from the mid to late Pleistocene (Morton, 1991, 1995-1996). Pleistocene alluvial units are considered to be of high paleontological value, but granodiorite sediments are considered to be of low paleontological value. The Western Science Center does not have localities within the project area or within a 1 mile radius, but does have numerous localities associated with the Diamond Valley Lake Project in similarly mapped sediments 5-7 miles to the east. The Diamond Valley Lake project resulted in over one hundred thousand Pleistocene fossils and hundreds of fossil localities, including those associated with mastodon (*Mammut pacificus*), mammoth (*Mammuthus columbi*), saber-tooth cat (*Smilodon fatalis*), ancient horse (*Equus sp.*), camel (*Camelops hesternus*), and many more.

Any fossil specimen recovered from the Murrieta Pipeline Project would be scientifically significant. Excavation activity associated with the development of the project area would impact the paleontologically sensitive Pleistocene alluvial units and it is the recommendation of the Western Science Center that a paleontological resource mitigation program be put in place to monitor, salvage, and curate any recovered fossils associated with the study area.

If you have any questions, or would like further information about the Diamond Valley Lake Project, please feel free to contact me at [dradford@westerncentermuseum.org](mailto:dradford@westerncentermuseum.org)

Sincerely,



Darla Radford  
Collections Manager



## **Appendix D**

### **Murrieta Road Transmission Pipeline Energy Calculations**





**Summary of Fuel Use for the Preferred Alignment****Vehicle Fuels**

<b>Construction Phase (gallons/construction period</b>	<b>Gasoline</b>	<b>Diesel</b>
Construction Vehicles	0	11,618
Worker Trips	2,966	4
Vendor Trips	271	3
Haul Trucks	20	1,814
Total	3,258	13,438

<b>Operations Phase (gallons/year)</b>	<b>Gasoline</b>	<b>Diesel</b>	<b>Natural Gas (kBTU/yr)</b>	<b>Electricity (kWh/yr)</b>
Industrial	0	0	0	0
Parking Lot	0	0	0	0
Onsite Equipment	0	0	0	0

All Land Uses	0	0	0	0
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**Offroad Fuel Use**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Horsepower Category	Load Factor	Num Days	Year	Fuel Consumption Rate (gal/hour)	Total Fuel Consumption (gal/construction period)
Demolition	Concrete/Industrial Saws	1	8	81	100	0.73	153	2020	4.7	4,212
Demolition	Rubber Tired Dozers	0	8	247	300	0.4	153	2020	4.5	0
Demolition	Tractors/Loaders/Backhoes	2	8	97	100	0.37	153	2020	1.6	1,439
Trenching	Cranes	1	8	231	300	0.29	153	2020	3.3	1,176
Trenching	Excavators	1	8	158	175	0.38	153	2020	2.9	1,342
Trenching	Other General Industrial Equipme	1	8	88	100	0.34	153	2020	1.4	575
Trenching	Rubber Tired Dozers	0	7	247	300	0.4	153	2020	4.5	0
Trenching	Tractors/Loaders/Backhoes	1	8	97	100	0.37	153	2020	1.6	719
Paving	Cement and Mortar Mixers	1	6	9	25	0.56	110	2020	0.4	143
Paving	Pavers	1	6	130	100	0.42	110	2020	1.7	481
Paving	Paving Equipment	1	8	132	100	0.36	110	2020	1.6	518
Paving	Rollers	1	7	80	100	0.38	110	2020	1.7	496
Paving	Tractors/Loaders/Backhoes	1	8	97	100	0.37	110	2020	1.6	517

**Total**

**11,618**

**Onroad Fuel Use**

**Input**

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length
Demolition	8	0	80	14.7	6.9	20
Trenching	10	4	449	14.7	6.9	20
Paving	13	0	0	14.7	6.9	20
Paving	0	0	0	14.7	6.9	20

**Adjusted**

Demolition	1224	0	80	14.7	6.9	20
Trenching	1530	612	449	14.7	6.9	20
Paving	1430	0	0	14.7	6.9	20
Paving	0	0	0	14.7	6.9	20

**Total**

Gasoline Consumption			Diesel Consumption		
Worker	Vendor	Haul	Worker	Vendor	Haul
868	0	3	1	0	274
1,085	271	17	1	3	1,539
1,014	0	0	1	0	0
0	0	0	0	0	0
<b>2,966</b>	<b>271</b>	<b>20</b>	<b>4</b>	<b>3</b>	<b>1,814</b>

**Summary of Fuel Use for the Alternative Alignment**

**Vehicle Fuels**

<b>Construction Phase (gallons/construction period)</b>	<b>Gasoline</b>	<b>Diesel</b>
Construction Vehicles	0	19,532
Worker Trips	4,925	6
Vendor Trips	463	5
Haul Trucks	34	3,027
Total	5,422	22,571

<b>Operations Phase (gallons/year)</b>	<b>Gasoline</b>	<b>Diesel</b>	<b>Natural Gas (kBTU/yr)</b>	<b>Electricity (kWh/yr)</b>
Industrial	0	0	0	0
Parking Lot	0	0	0	0
Onsite Equipment	0	0	0	0

All Land Uses	0	0	0	0
---------------	---	---	---	---

**Offroad Fuel Use**

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Horsepower Category	Load Factor	Num Days	Year	Fuel Consumption Rate (gal/hour)	Total Fuel Consumption (gal/construction period)
Demolition	Concrete/Industrial Saws	1	8	81	100	0.73	261	2020	4.7	7,186
Demolition	Rubber Tired Dozers	0	8	247	300	0.4	261	2020	4.5	0
Demolition	Tractors/Loaders/Backhoes	2	8	97	100	0.37	261	2020	1.6	2,454
Trenching	Cranes	1	8	231	300	0.29	261	2020	3.3	2,005
Trenching	Excavators	1	8	158	175	0.38	261	2020	2.9	2,290
Trenching	Other General Industrial Equipme	1	8	88	100	0.34	261	2020	1.4	981
Trenching	Rubber Tired Dozers	0	7	247	300	0.4	261	2020	4.5	0
Trenching	Tractors/Loaders/Backhoes	1	8	97	100	0.37	261	2020	1.6	1,227
Paving	Cement and Mortar Mixers	1	6	9	25	0.56	173	2020	0.4	226
Paving	Pavers	1	6	130	100	0.42	173	2020	1.7	756
Paving	Paving Equipment	1	8	132	100	0.36	173	2020	1.6	815
Paving	Rollers	1	7	80	100	0.38	173	2020	1.7	779
Paving	Tractors/Loaders/Backhoes	1	8	97	100	0.37	173	2020	1.6	813

**Total 19,532**

**Onroad Fuel Use**

**Input**

Phase Name	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length
Demolition	8	0	133	14.7	6.9	20
Trenching	10	4	750	14.7	6.9	20
Paving	13	0	0	14.7	6.9	20
Paving	0	0	0	14.7	6.9	20

**Adjusted**

Demolition	2088	0	133	14.7	6.9	20
Trenching	2610	1044	750	14.7	6.9	20
Paving	2249	0	0	14.7	6.9	20
Paving	0	0	0	14.7	6.9	20

**Total**

Gasoline Consumption			Diesel Consumption		
Worker	Vendor	Haul	Worker	Vendor	Haul
1,480	0	5	2	0	456
1,850	463	29	2	5	2,571
1,594	0	0	2	0	0
0	0	0	0	0	0
<b>4,925</b>	<b>463</b>	<b>34</b>	<b>6</b>	<b>5</b>	<b>3,027</b>

## **Appendix E**

### **Murrieta Road Transmission Pipeline EDR Hazardous Materials Database Report**





**Murrieta Pipeline**

Murrieta Rd/Newport Rd  
Sun City, CA 92586

Inquiry Number: 5770132.2s  
August 28, 2019

# The EDR Radius Map™ Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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## GEOCHECK ADDENDUM

GeoCheck - Not Requested

***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

MURRIETA RD/NEWPORT RD  
SUN CITY, CA 92586

#### COORDINATES

Latitude (North): 33.6871920 - 33° 41' 13.89"  
Longitude (West): 117.1989980 - 117° 11' 56.39"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 481555.4  
UTM Y (Meters): 3727297.8  
Elevation: 1422 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641314 ROMOLAND, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140530, 20140603  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
MURRIETA RD/NEWPORT RD  
SUN CITY, CA 92586

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	INTOWN PROPERTIES, I	29959 SUN COUNTRY LN	HAZNET	Higher	537, 0.102, South
2	HUD	26362 LAZY CREEK RD	HAZNET	Lower	640, 0.121, NNW
A3	26307 LANDS END WAY	26307 LANDS END WAY	CIWQS	Higher	853, 0.162, SW
4		29888 KILLINGTON	CHMIRS	Higher	916, 0.173, WSW
B5	PACIFIC MAYFIELD	NEWPORT RD & EVANS R	NPDES, CIWQS	Higher	936, 0.177, SSE
B6	PACIFIC MAYFIELD	NEWPORT RD & EVANS R	FINDS, ECHO	Higher	936, 0.177, SSE
A7	JEFFREY & JENNAFER G	29993 PACIFIC CHANNE	HAZNET	Higher	984, 0.186, SW
A8	29993 PACIFIC CHANNE	29993 PACIFIC CHANNE	CIWQS	Higher	984, 0.186, SW
9	HUD INTOWN PROPERTIE	26324 HOHOKAM COURT	HAZNET	Lower	1017, 0.193, NNW
B10	MENIFEE NEWPORT STOC	26525 NEWPORT RD	CIWQS	Higher	1027, 0.195, SE
11	INTOWN PROPERTIES, I	29715 GREENHILL DR	HAZNET	Lower	1121, 0.212, NW
12	THE SHOPS AT NEWPORT	26577-26843 NEWPORT	NPDES, CIWQS	Higher	1220, 0.231, SE
C13	99 CENTS ONLY STORES	26100 NEWPORT RD	RCRA NonGen / NLR	Higher	1749, 0.331, WSW
C14	RITZ CLEANERS	26100 NEWPORT RD	EDR Hist Cleaner	Higher	1749, 0.331, WSW
C15	99 CENTS ONLY STORES	26100 NEWPORT RD	CERS HAZ WASTE, CERS	Higher	1749, 0.331, WSW
C16	AUTOZONE #4153	26100 NEWPORT RD	RCRA NonGen / NLR	Higher	1749, 0.331, WSW
17	MOUNTAIN VIEW TIRE	30027 WINTER HAWK RD	CERS HAZ WASTE, CERS	Higher	1953, 0.370, ESE
D18	CHEVRON SERVICE STAT	29950 MURRIETA RD	UST	Higher	2076, 0.393, WSW
D19	SUN CITY FUELS	29950 MURRIETA RD	CERS HAZ WASTE, CERS TANKS, CERS	Higher	2076, 0.393, WSW
20	SUN CITY DESALTER	29541 MURRIETA RD	RCRA-SQG, FINDS, HAZNET	Lower	2150, 0.407, WNW
E21	SUN CITY FUELS CO	26015 NEWPORT RD	UST	Higher	2182, 0.413, WSW
E22	SUN CITY FUELS CO	26015 NEWPORT RD	RCRA NonGen / NLR	Higher	2182, 0.413, WSW
E23	SUN CITY FUELS CO.	26015 NEWPORT ROAD	CERS HAZ WASTE, CERS TANKS, CERS	Higher	2182, 0.413, WSW
E24	TEXACO 355923	26015 NEWPORT RD	RCRA-LQG	Higher	2182, 0.413, WSW
F25	ONE STOP LUBE	26825 NEWPORT RD	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS	Higher	2256, 0.427, ESE
F26	MENIFEE CAR WASH/ONE	26825 NEWPORT RD	RCRA NonGen / NLR	Higher	2256, 0.427, ESE
F27	MENIFEE CAR WASH	26825 NEWPORT RD	AST	Higher	2256, 0.427, ESE
F28	MENIFEE CAR WASH	26825 NEWPORT RD	UST	Higher	2256, 0.427, ESE
E29	ARCO AM/PM MINIMART	26025 NEWPORT RD	UST	Higher	2290, 0.434, WSW
G30	STATER BROS MARKETS	25904 NEWPORT RD	RCRA NonGen / NLR	Lower	2377, 0.450, West
G31	WASTE MANAGEMENT INC	25904 NEWPORT AVE	SWRCY, CERS HAZ WASTE, HAZNET, CERS	Lower	2377, 0.450, West
E32	WALGREENS #6127	30251 MURRIETA RD	CERS HAZ WASTE, CERS	Higher	2414, 0.457, WSW
E33	WALGREENS #6127	30251 MURRIETA RD	RCRA-CESQG	Higher	2414, 0.457, WSW
E34	WALGREENS #6127	30251 MURRIETA RD	RCRA-CESQG	Higher	2414, 0.457, WSW
G35	NEW LOOK CLEANERS	25908 NEWPORT RD	DRYCLEANERS, HAZNET	Lower	2633, 0.499, West
G36	PARK'S INC /DBA NEWL	25908 NEWPORT RD UNI	DRYCLEANERS	Lower	2633, 0.499, West
37	NEWPORT ESTATES PROJ	LA PIEDRA ROAD/EVANS	ENVIROSTOR, SCH	Higher	3456, 0.655, South
38	MENIFEE PROPOSED ELE	NEAR DERBY HILL DRIV	ENVIROSTOR, SCH	Higher	5611, 1.063, WSW

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

## EXECUTIVE SUMMARY

### **State and tribal landfill and/or solid waste disposal site lists**

SWF/LF..... Solid Waste Information System

### **State and tribal leaking storage tank lists**

LUST..... Geotracker's Leaking Underground Fuel Tank Report  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land  
CPS-SLIC..... Statewide SLIC Cases

### **State and tribal registered storage tank lists**

FEMA UST..... Underground Storage Tank Listing  
INDIAN UST..... Underground Storage Tanks on Indian Land

### **State and tribal voluntary cleanup sites**

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Voluntary Cleanup Program Properties

### **State and tribal Brownfields sites**

BROWNFIELDS..... Considered Brownfields Sites Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### **Local Brownfield lists**

US BROWNFIELDS..... A Listing of Brownfields Sites

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

WMUDS/SWAT..... Waste Management Unit Database  
HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
IHS OPEN DUMPS..... Open Dumps on Indian Land

#### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... Delisted National Clandestine Laboratory Register  
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

#### **Local Lists of Registered Storage Tanks**

SWEEPS UST..... SWEEPS UST Listing  
HIST UST..... Hazardous Substance Storage Container Database

## EXECUTIVE SUMMARY

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  
LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
UXO..... Unexploded Ordnance Sites  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
Cortese..... "Cortese" Hazardous Waste & Substances Sites List  
CUPA Listings..... CUPA Resources List

## EXECUTIVE SUMMARY

EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HIST CORTESE.....	Hazardous Waste & Substance Site List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program 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
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)

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA LF.....	Recovered Government Archive Solid Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.



# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal RCRA generators list***

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TEXACO 355923 EPA ID:: CAR000201541	26015 NEWPORT RD	WSW 1/4 - 1/2 (0.413 mi.)	E24	82

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-SQG site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUN CITY DESALTER</b> EPA ID:: CAR000167783	<b>29541 MURRIETA RD</b>	<b>WNW 1/4 - 1/2 (0.407 mi.)</b>	<b>20</b>	<b>63</b>

RCRA-CESQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 2 RCRA-CESQG sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALGREENS #6127 EPA ID:: CAR000253054	30251 MURRIETA RD	WSW 1/4 - 1/2 (0.457 mi.)	E33	116
WALGREENS #6127 EPA ID:: CAL000323504	30251 MURRIETA RD	WSW 1/4 - 1/2 (0.457 mi.)	E34	121

## EXECUTIVE SUMMARY

### **State- and tribal - equivalent CERCLIS**

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 2 ENVIROSTOR sites within approximately 1.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEWPORT ESTATES PROJ</b> Facility Id: 60000011 Status: No Action Required	<b>LA PIEDRA ROAD/EVANS</b>	<b>S 1/2 - 1 (0.655 mi.)</b>	<b>37</b>	<b>128</b>
<b>MENIFEE PROPOSED ELE</b> Facility Id: 60002286 Status: No Action Required	<b>NEAR DERBY HILL DRIV</b>	<b>WSW 1 - 2 (1.063 mi.)</b>	<b>38</b>	<b>130</b>

### **State and tribal registered storage tank lists**

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 4 UST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CHEVRON SERVICE STAT Database: RIVERSIDE CO. UST, Date of Government Version: 04/11/2019 Database: UST, Date of Government Version: 06/10/2019 Facility Id: FA0021924	29950 MURRIETA RD	WSW 1/4 - 1/2 (0.393 mi.)	D18	51
SUN CITY FUELS CO Database: RIVERSIDE CO. UST, Date of Government Version: 04/11/2019 Database: UST, Date of Government Version: 06/10/2019 Facility Id: FA0045385	26015 NEWPORT RD	WSW 1/4 - 1/2 (0.413 mi.)	E21	66
MENIFEE CAR WASH Database: RIVERSIDE CO. UST, Date of Government Version: 04/11/2019 Database: UST, Date of Government Version: 06/10/2019 Facility Id: 481 Facility Id: FA0020018	26825 NEWPORT RD	ESE 1/4 - 1/2 (0.427 mi.)	F28	106
ARCO AM/PM MINIMART Database: UST, Date of Government Version: 06/10/2019 Facility Id: 96	26025 NEWPORT RD	WSW 1/4 - 1/2 (0.434 mi.)	E29	106

## EXECUTIVE SUMMARY

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MENIFEE CAR WASH Database: AST, Date of Government Version: 07/06/2016	26825 NEWPORT RD	ESE 1/4 - 1/2 (0.427 mi.)	F27	105

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Landfill / Solid Waste Disposal Sites**

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/11/2019 has revealed that there is 1 SWRCY site within approximately 0.75 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WASTE MANAGEMENT INC Cert Id: RC177831.001	25904 NEWPORT AVE	W 1/4 - 1/2 (0.450 mi.)	G31	108

#### **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 04/09/2019 has revealed that there are 7 CERS HAZ WASTE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
99 CENTS ONLY STORES	26100 NEWPORT RD	WSW 1/4 - 1/2 (0.331 mi.)	C15	29
MOUNTAIN VIEW TIRE	30027 WINTER HAWK RD	ESE 1/4 - 1/2 (0.370 mi.)	17	44
SUN CITY FUELS	29950 MURRIETA RD	WSW 1/4 - 1/2 (0.393 mi.)	D19	51
SUN CITY FUELS CO.	26015 NEWPORT ROAD	WSW 1/4 - 1/2 (0.413 mi.)	E23	68
ONE STOP LUBE	26825 NEWPORT RD	ESE 1/4 - 1/2 (0.427 mi.)	F25	84
WALGREENS #6127	30251 MURRIETA RD	WSW 1/4 - 1/2 (0.457 mi.)	E32	112
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WASTE MANAGEMENT INC	25904 NEWPORT AVE	W 1/4 - 1/2 (0.450 mi.)	G31	108

## EXECUTIVE SUMMARY

### **Local Lists of Registered Storage Tanks**

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 04/09/2019 has revealed that there are 3 CERS TANKS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SUN CITY FUELS</b>	<b>29950 MURRIETA RD</b>	<b>WSW 1/4 - 1/2 (0.393 mi.)</b>	<b>D19</b>	<b>51</b>
<b>SUN CITY FUELS CO.</b>	<b>26015 NEWPORT ROAD</b>	<b>WSW 1/4 - 1/2 (0.413 mi.)</b>	<b>E23</b>	<b>68</b>
<b>ONE STOP LUBE</b>	<b>26825 NEWPORT RD</b>	<b>ESE 1/4 - 1/2 (0.427 mi.)</b>	<b>F25</b>	<b>84</b>

### **Records of Emergency Release Reports**

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 10/24/2018 has revealed that there is 1 CHMIRS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported OES Incident Number: 06625	29888 KILLINGTON	WSW 1/8 - 1/4 (0.173 mi.)	4	9

### **Other Ascertainable Records**

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
99 CENTS ONLY STORES EPA ID:: CAL000388499	26100 NEWPORT RD	WSW 1/4 - 1/2 (0.331 mi.)	C13	28
AUTOZONE #4153 EPA ID:: CAL000387206	26100 NEWPORT RD	WSW 1/4 - 1/2 (0.331 mi.)	C16	43
SUN CITY FUELS CO EPA ID:: CAL000410359	26015 NEWPORT RD	WSW 1/4 - 1/2 (0.413 mi.)	E22	67
MENIFEE CAR WASH/ONE EPA ID:: CAL000292467	26825 NEWPORT RD	ESE 1/4 - 1/2 (0.427 mi.)	F26	104
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
STATER BROS MARKETS	25904 NEWPORT RD	W 1/4 - 1/2 (0.450 mi.)	G30	106

## EXECUTIVE SUMMARY

EPA ID:: CAL000334529

**FINDS:** The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/15/2019 has revealed that there is 1 FINDS site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PACIFIC MAYFIELD</b> Registry ID:: 110070091211	<b>NEWPORT RD &amp; EVANS R</b>	<b>SSE 1/8 - 1/4 (0.177 mi.)</b>	<b>B6</b>	<b>18</b>

**ECHO:** ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 04/07/2019 has revealed that there is 1 ECHO site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PACIFIC MAYFIELD</b> Registry ID: 110070091211	<b>NEWPORT RD &amp; EVANS R</b>	<b>SSE 1/8 - 1/4 (0.177 mi.)</b>	<b>B6</b>	<b>18</b>

**DRYCLEANERS:** A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>NEW LOOK CLEANERS</b> Database: DRYCLEAN SOUTH COAST, Date of Government Version: 03/19/2019	<b>25908 NEWPORT RD</b>	<b>W 1/4 - 1/2 (0.499 mi.)</b>	<b>G35</b>	<b>124</b>
<b>PARK'S INC /DBA NEWL</b> Database: DRYCLEANERS, Date of Government Version: 03/01/2019 EPA Id: CAL000288833 EPA Id: CAL000310851	<b>25908 NEWPORT RD UNI</b>	<b>W 1/4 - 1/2 (0.499 mi.)</b>	<b>G36</b>	<b>127</b>

## EXECUTIVE SUMMARY

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2017 has revealed that there are 5 HAZNET sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
INTOWN PROPERTIES, I GEPaid: CAC001080432	29959 SUN COUNTRY LN	S 0 - 1/8 (0.102 mi.)	1	8
JEFFREY & JENNAFER G GEPaid: CAC002761184	29993 PACIFIC CHANNE	SW 1/8 - 1/4 (0.186 mi.)	A7	18
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HUD GEPaid: CAC001300464	26362 LAZY CREEK RD	NNW 0 - 1/8 (0.121 mi.)	2	8
HUD INTOWN PROPERTIE GEPaid: CAC001253912	26324 HOHOKAM COURT	NNW 1/8 - 1/4 (0.193 mi.)	9	19
INTOWN PROPERTIES, I GEPaid: CAC001077424	29715 GREENHILL DR	NW 1/8 - 1/4 (0.212 mi.)	11	20

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 05/13/2019 has revealed that there are 2 NPDES sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PACIFIC MAYFIELD</b> Facility Status: Terminated	<b>NEWPORT RD &amp; EVANS R</b>	<b>SSE 1/8 - 1/4 (0.177 mi.)</b>	<b>B5</b>	<b>11</b>
<b>THE SHOPS AT NEWPORT</b> Facility Status: Active	<b>26577-26843 NEWPORT</b>	<b>SE 1/8 - 1/4 (0.231 mi.)</b>	<b>12</b>	<b>21</b>

CIWQS: 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.

A review of the CIWQS list, as provided by EDR, and dated 03/05/2019 has revealed that there are 5 CIWQS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
26307 LANDS END WAY <b>PACIFIC MAYFIELD</b>	26307 LANDS END WAY <b>NEWPORT RD &amp; EVANS R</b>	SW 1/8 - 1/4 (0.162 mi.) <b>SSE 1/8 - 1/4 (0.177 mi.)</b>	A3 <b>B5</b>	9 <b>11</b>
29993 PACIFIC CHANNE MENIFEE NEWPORT STOC	29993 PACIFIC CHANNE 26525 NEWPORT RD	SW 1/8 - 1/4 (0.186 mi.) SE 1/8 - 1/4 (0.195 mi.)	A8 B10	19 20
<b>THE SHOPS AT NEWPORT</b>	<b>26577-26843 NEWPORT</b>	<b>SE 1/8 - 1/4 (0.231 mi.)</b>	<b>12</b>	<b>21</b>

# EXECUTIVE SUMMARY

## EDR HIGH RISK HISTORICAL RECORDS

### ***EDR Exclusive Records***

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there is 1 EDR Hist Cleaner site within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RITZ CLEANERS	26100 NEWPORT RD	WSW 1/4 - 1/2 (0.331 mi.)	C14	29

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name

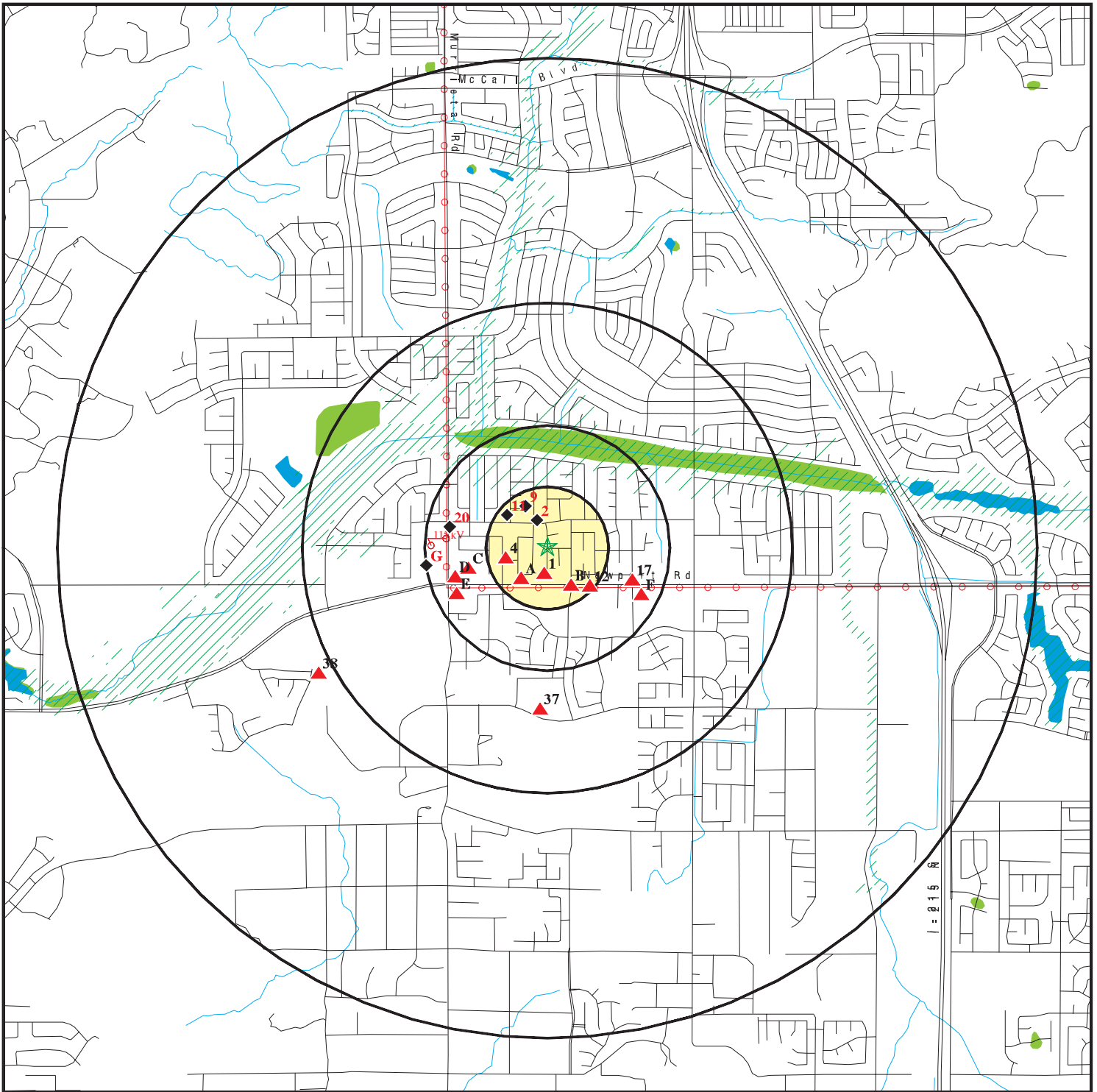
SEC NEWPORT & MURRIETA

Database(s)

CIWQS  
CDL



# OVERVIEW MAP - 5770132.2S



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

⚡ Power transmission lines

▨ 100-year flood zone

▨ 500-year flood zone

■ National Wetland Inventory

■ State Wetlands

■ Areas of Concern

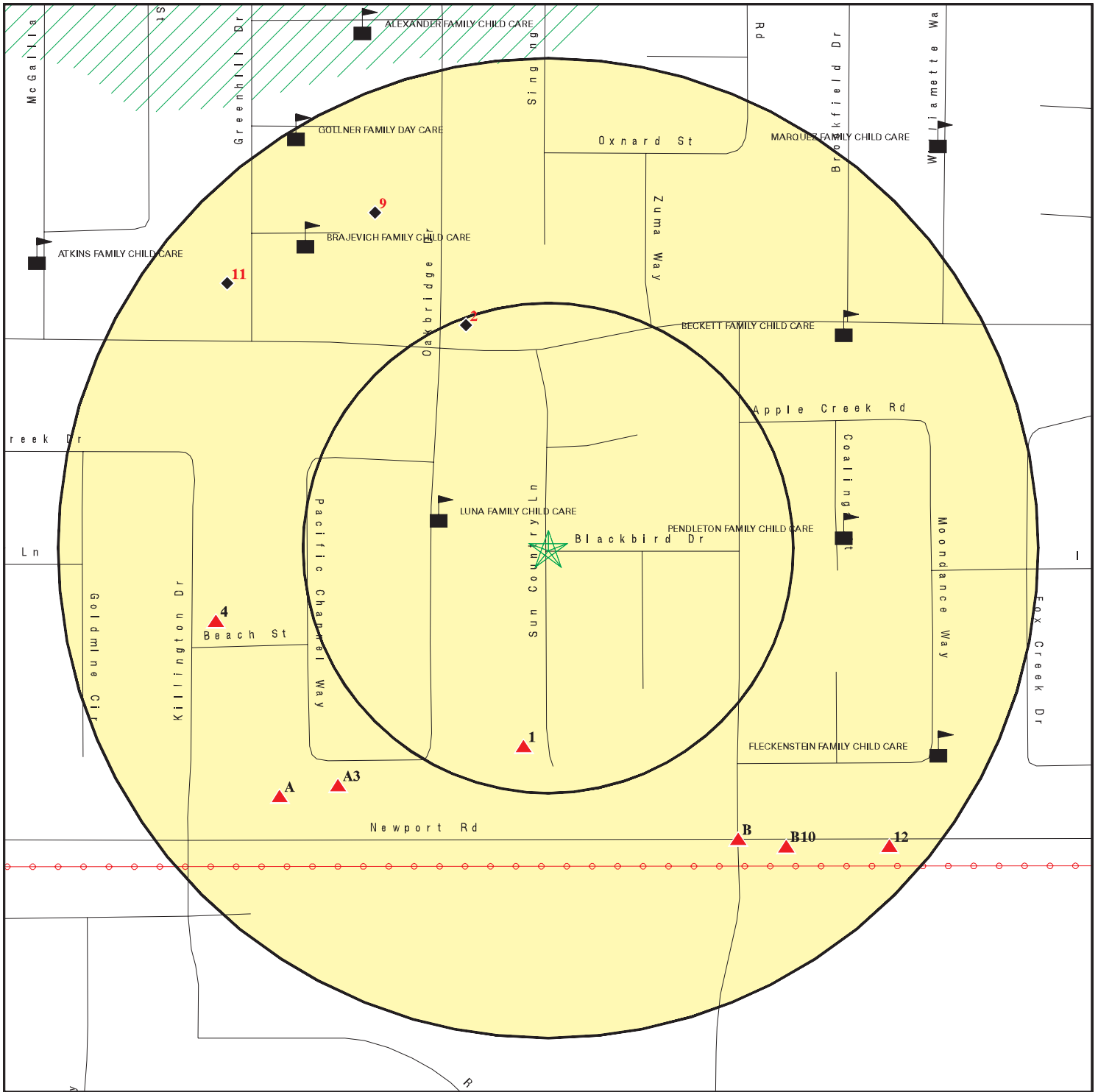


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Murrieta Pipeline  
 ADDRESS: Murrieta Rd/Newport Rd  
 Sun City CA 92586  
 LAT/LONG: 33.687192 / 117.198998

CLIENT: Psomas  
 CONTACT: Jillian Neary  
 INQUIRY #: 5770132.2s  
 DATE: August 28, 2019 8:30 pm

# DETAIL MAP - 5770132.2S



- ★ 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
- ▲ Power transmission lines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p><b>SITE NAME:</b> Murrieta Pipeline  <b>ADDRESS:</b> Murrieta Rd/Newport Rd          Sun City CA 92586  <b>LAT/LONG:</b> 33.687192 / 117.198998</p>	<p><b>CLIENT:</b> Psomas  <b>CONTACT:</b> Jillian Neary  <b>INQUIRY #:</b> 5770132.2s  <b>DATE:</b> August 28, 2019 8:35 pm</p>
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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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.250		0	0	0	0	0	0
Proposed NPL	1.250		0	0	0	0	0	0
NPL LIENS	1.250		0	0	0	0	0	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.250		0	0	0	0	0	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.750		0	0	0	0	NR	0
SEMS	0.750		0	0	0	0	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.750		0	0	0	0	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.250		0	0	0	0	0	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.750		0	0	0	0	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.500		0	0	1	NR	NR	1
RCRA-SQG	0.500		0	0	1	NR	NR	1
RCRA-CESQG	0.500		0	0	2	NR	NR	2
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.750		0	0	0	0	NR	0
US ENG CONTROLS	0.750		0	0	0	0	NR	0
US INST CONTROL	0.750		0	0	0	0	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.250		0	0	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.250		0	0	0	0	0	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.250		0	0	0	1	1	2
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.750		0	0	0	0	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.750		0	0	0	0	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.750		0	0	0	0	NR	0
CPS-SLIC	0.750		0	0	0	0	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.500		0	0	0	NR	NR	0
UST	0.500		0	0	4	NR	NR	4
AST	0.500		0	0	1	NR	NR	1
INDIAN UST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.750		0	0	0	0	NR	0
VCP	0.750		0	0	0	0	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.750		0	0	0	0	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.750		0	0	0	0	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.750		0	0	0	0	NR	0
SWRCY	0.750		0	0	1	0	NR	1
HAULERS	0.250		0	0	NR	NR	NR	0
INDIAN ODI	0.750		0	0	0	0	NR	0
ODI	0.750		0	0	0	0	NR	0
DEBRIS REGION 9	0.750		0	0	0	0	NR	0
IHS OPEN DUMPS	0.750		0	0	0	0	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.250		0	0	NR	NR	NR	0
HIST Cal-Sites	1.250		0	0	0	0	0	0
SCH	0.500		0	0	0	NR	NR	0
CDL	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.250		0	0	0	0	0	0
CERS HAZ WASTE	0.500		0	0	7	NR	NR	7
US CDL	0.250		0	0	NR	NR	NR	0
PFAS	0.750		0	0	0	0	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.500		0	0	0	NR	NR	0
HIST UST	0.500		0	0	0	NR	NR	0
CA FID UST	0.500		0	0	0	NR	NR	0
CERS TANKS	0.500		0	0	3	NR	NR	3
<b><i>Local Land Records</i></b>								
LIENS	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
LIENS 2	0.250		0	0	NR	NR	NR	0
DEED	0.750		0	0	0	0	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.250		0	0	NR	NR	NR	0
CHMIRS	0.250		0	1	NR	NR	NR	1
LDS	0.250		0	0	NR	NR	NR	0
MCS	0.250		0	0	NR	NR	NR	0
SPILLS 90	0.250		0	0	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.500		0	0	5	NR	NR	5
FUDS	1.250		0	0	0	0	0	0
DOD	1.250		0	0	0	0	0	0
SCRD DRYCLEANERS	0.750		0	0	0	0	NR	0
US FIN ASSUR	0.250		0	0	NR	NR	NR	0
EPA WATCH LIST	0.250		0	0	NR	NR	NR	0
2020 COR ACTION	0.500		0	0	0	NR	NR	0
TSCA	0.250		0	0	NR	NR	NR	0
TRIS	0.250		0	0	NR	NR	NR	0
SSTS	0.250		0	0	NR	NR	NR	0
ROD	1.250		0	0	0	0	0	0
RMP	0.250		0	0	NR	NR	NR	0
RAATS	0.250		0	0	NR	NR	NR	0
PRP	0.250		0	0	NR	NR	NR	0
PADS	0.250		0	0	NR	NR	NR	0
ICIS	0.250		0	0	NR	NR	NR	0
FTTS	0.250		0	0	NR	NR	NR	0
MLTS	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	0.250		0	0	NR	NR	NR	0
COAL ASH EPA	0.750		0	0	0	0	NR	0
PCB TRANSFORMER	0.250		0	0	NR	NR	NR	0
RADINFO	0.250		0	0	NR	NR	NR	0
HIST FTTS	0.250		0	0	NR	NR	NR	0
DOT OPS	0.250		0	0	NR	NR	NR	0
CONSENT	1.250		0	0	0	0	0	0
INDIAN RESERV	1.250		0	0	0	0	0	0
FUSRAP	1.250		0	0	0	0	0	0
UMTRA	0.750		0	0	0	0	NR	0
LEAD SMELTERS	0.250		0	0	NR	NR	NR	0
US AIRS	0.250		0	0	NR	NR	NR	0
US MINES	0.500		0	0	0	NR	NR	0
ABANDONED MINES	0.500		0	0	0	NR	NR	0
FINDS	0.250		0	1	NR	NR	NR	1
DOCKET HWC	0.250		0	0	NR	NR	NR	0
UXO	1.250		0	0	0	0	0	0
ECHO	0.250		0	1	NR	NR	NR	1
FUELS PROGRAM	0.500		0	0	0	NR	NR	0
CA BOND EXP. PLAN	1.250		0	0	0	0	0	0
Cortese	0.750		0	0	0	0	NR	0
CUPA Listings	0.500		0	0	0	NR	NR	0



MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>1</b> South < 1/8 0.102 mi. 537 ft.	<b>INTOWN PROPERTIES, INC/HUD</b> <b>29959 SUN COUNTRY LN</b> <b>SUN CITY, CA 92584</b>	<b>HAZNET</b>	<b>S112865695</b> N/A
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<b>Relative:</b> Higher  <b>Actual:</b> 1424 ft.	HAZNET: Name: INTOWN PROPERTIES, INC/HUD Address: 29959 SUN COUNTRY LN City,State,Zip: SUN CITY, CA 925840000 Year: 1997 GEPAID: CAC001080432 Contact: JOE SEPULVEDA/PROJ MGR Telephone: 9096256645 Mailing Name: Not reported Mailing Address: 6850 BROCKTON AVE, STE 215 Mailing City,St,Zip: RIVERSIDE, CA 925060000 Gen County: Riverside TSD EPA ID: CAD028409019 TSD County: Los Angeles Tons: 0.18 CA Waste Code: 612-Household waste Method: H01-Transfer Station Facility County: Riverside
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<b>2</b> NNW < 1/8 0.121 mi. 640 ft.	<b>HUD</b> <b>26362 LAZY CREEK RD</b> <b>SUN CITY, CA 92586</b>	<b>HAZNET</b>	<b>S112880407</b> N/A
--	---	---------------	--------------------------

<b>Relative:</b> Lower  <b>Actual:</b> 1419 ft.	HAZNET: Name: HUD Address: 26362 LAZY CREEK RD City,State,Zip: SUN CITY, CA 925860000 Year: 1997 GEPAID: CAC001300464 Contact: CINDY GROVES Telephone: 9092740143 Mailing Name: Not reported Mailing Address: INTOWN PROPERTIES Mailing City,St,Zip: RIVERSIDE, CA 925010000 Gen County: Riverside TSD EPA ID: CAD000088252 TSD County: Los Angeles Tons: 0.0495 CA Waste Code: 212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) Method: H01-Transfer Station Facility County: Riverside
---	--

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A3**  
**SW**  
**1/8-1/4**  
**0.162 mi.**  
**853 ft.**

**26307 LANDS END WAY**  
**26307 LANDS END WAY**  
**SUN CITY, CA 92586**  
**Site 1 of 3 in cluster A**

**CIWQS**    **S121615023**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1424 ft.**

**CIWQS:**  
 Name: 26307 LANDS END WAY  
 Address: 26307 LANDS END WAY  
 City,State,Zip: SUN CITY, CA 92586  
 Agency: Catalina Collection Ltd  
 Agency Address: 27710 Jefferson Ave Ste 301, Temecula, CA 92590  
 Place/Project Type: Construction - Residential, Utility, Transportation  
 SIC/NAICS: Not reported  
 Region: 8  
 Program: CONSTW  
 Regulatory Measure Status: Terminated  
 Regulatory Measure Type: Storm water construction  
 Order Number: 99-08DW  
 WDID: 8 33C300129  
 NPDES Number: CAS000002  
 Adoption Date: Not reported  
 Effective Date: 10/05/1992  
 Termination Date: 11/21/1996  
 Expiration/Review Date: Not reported  
 Design Flow: Not reported  
 Major/Minor: Not reported  
 Complexity: Not reported  
 TTWQ: Not reported  
 Enforcement Actions within 5 years: 0  
 Violations within 5 years: 0  
 Latitude: Not reported  
 Longitude: Not reported

**4**  
**WSW**  
**1/8-1/4**  
**0.173 mi.**  
**916 ft.**

**29888 KILLINGTON**  
**SUN CITY, CA 92586**

**CHMIRS**    **S105642050**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1422 ft.**

**CHMIRS:**  
 Name: Not reported  
 Address: 29888 KILLINGTON  
 City,State,Zip: SUN CITY, CA 92586  
 OES Incident Number: 06625  
 OES notification: Not reported  
 OES Date: 2/5/1995  
 OES Time: 02:24:19 AM  
**Date Completed: Not reported**  
 Property Use: Not reported  
 Agency Id Number: Not reported  
 Agency Incident Number: Not reported  
 Time Notified: Not reported  
 Time Completed: Not reported  
 Surrounding Area: Not reported  
 Estimated Temperature: Not reported  
 Property Management: Not reported  
 More Than Two Substances Involved?: Not reported  
 Resp Agency Personel # Of Decontaminated: Not reported  
 Responding Agency Personel # Of Injuries: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S105642050

Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: YES  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: RIVERSIDE COUNTY HEALTH  
Containment: Not reported  
What Happened: Not reported  
Type: CHEMICAL  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1995  
Agency: RIVERSIDE COUNTY FD  
Incident Date: 2355 4, FEB 95  
Admin Agency: Not reported  
Amount: 1 GAL.  
Contained: NO  
Site Type: RESIDENCE  
E Date: Not reported  
Substance: MISCELLANEOUS DRUG WASTE  
Unknown: Not reported  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: NO  
Number of Injuries: NO  
Number of Fatalities: NO  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fatafs: Not reported  
Comments: Not reported  
Description: RIVERSIDE SHER. OFFICE RAIDED A HOUSE AND DISCOVERED A SMALL DRUG LAB. SMALL SPILLIAGE IN BATHROOM.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)      EDR ID Number  
 EPA ID Number

**B5**  
**SSE**  
**1/8-1/4**  
**0.177 mi.**  
**936 ft.**

**PACIFIC MAYFIELD**  
**NEWPORT RD & EVANS RD**  
**MENIFEE, CA 92584**

**NPDES**    **S110735111**  
**CIWQS**    **N/A**

**Site 1 of 3 in cluster B**

**Relative:**  
**Higher**

**Actual:**  
**1427 ft.**

NPDES:  
 Name: PACIFIC MAYFIELD  
 Address: NEWPORT RD & EVANS RD  
 City,State,Zip: MENIFEE, CA 92584  
 Facility Status: Terminated  
 NPDES Number: CAS000002  
 Region: 8  
 Agency Number: 0  
 Regulatory Measure ID: 405072  
 Place ID: Not reported  
 Order Number: 2009-0009-DWQ  
 WDID: 8 33C359140  
 Regulatory Measure Type: Enrollee  
 Program Type: Construction  
 Adoption Date Of Regulatory Measure: Not reported  
 Effective Date Of Regulatory Measure: 07/07/2010  
 Termination Date Of Regulatory Measure: 04/05/2019  
 Expiration Date Of Regulatory Measure: Not reported  
 Discharge Address: 1000 Dove Street  
 Discharge Name: Pacific Communities Builder Inc  
 Discharge City: Newport Beach  
 Discharge State: California  
 Discharge Zip: 92660  
 Status: Not reported  
 Status Date: Not reported  
 Operator Name: Not reported  
 Operator Address: Not reported  
 Operator City: Not reported  
 Operator State: Not reported  
 Operator Zip: Not reported

NPDES as of 03/2018:  
 NPDES Number: Not reported  
 Status: Not reported  
 Agency Number: Not reported  
 Region: 8  
 Regulatory Measure ID: 405072  
 Order Number: Not reported  
 Regulatory Measure Type: Construction  
 Place ID: Not reported  
 WDID: 8 33C359140  
 Program Type: Not reported  
 Adoption Date Of Regulatory Measure: Not reported  
 Effective Date Of Regulatory Measure: Not reported  
 Expiration Date Of Regulatory Measure: Not reported  
 Termination Date Of Regulatory Measure: Not reported  
 Discharge Name: Not reported  
 Discharge Address: Not reported  
 Discharge City: Not reported  
 Discharge State: Not reported  
 Discharge Zip: Not reported  
 Received Date: 07/07/2010  
 Processed Date: 07/07/2010  
 Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC MAYFIELD (Continued)**

**S110735111**

Status Date: 12/27/2011  
Place Size: 66  
Place Size Unit: Acres  
Contact: Travis Hahn  
Contact Title: Not reported  
Contact Phone: 949-394-5253  
Contact Phone Ext: Not reported  
Contact Email: travispcb@gmail.com  
Operator Name: Pacific Communities Builder Inc  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported  
Operator Contact: Not reported  
Operator Contact Title: Not reported  
Operator Contact Phone: Not reported  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
Operator Type: Private Individual  
Developer: Pacific Communities Builder Inc  
Developer Address: 1000 Dove Street  
Developer City: Newport Beach  
Developer State: California  
Developer Zip: 92660  
Developer Contact: Corinna Ocampo  
Developer Contact Title: President  
Constype Linear Utility Ind: N  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: N  
Constype Below Ground Ind: N  
Constype Cable Line Ind: N  
Constype Comm Line Ind: N  
Constype Commercial Ind: N  
Constype Electrical Line Ind: N  
Constype Gas Line Ind: N  
Constype Industrial Ind: N  
Constype Other Description: Not reported  
Constype Other Ind: N  
Constype Recons Ind: N  
Constype Residential Ind: Y  
Constype Transport Ind: N  
Constype Utility Description: Not reported  
Constype Utility Ind: N  
Constype Water Sewer Ind: N  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Not reported  
Certifier: Nelson Chung  
Certifier Title: Not reported  
Certification Date: 18-OCT-10  
Primary Sic: Not reported  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000002  
Status: Active  
Agency Number: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC MAYFIELD (Continued)**

**S110735111**

Region: 8  
Regulatory Measure ID: 405072  
Order Number: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 8 33C359140  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/07/2010  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Pacific Communities Builder Inc  
Discharge Address: 1000 Dove Street  
Discharge City: Newport Beach  
Discharge State: California  
Discharge Zip: 92660  
Received Date: Not reported  
Processed Date: Not reported  
Status: Not reported  
Status Date: Not reported  
Place Size: Not reported  
Place Size Unit: Not reported  
Contact: Not reported  
Contact Title: Not reported  
Contact Phone: Not reported  
Contact Phone Ext: Not reported  
Contact Email: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported  
Operator Contact: Not reported  
Operator Contact Title: Not reported  
Operator Contact Phone: Not reported  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
Operator Type: Not reported  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: Not reported  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC MAYFIELD (Continued)**

**S110735111**

Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: Not reported  
Receiving Water Name: Not reported  
Certifier: Not reported  
Certifier Title: Not reported  
Certification Date: Not reported  
Primary Sic: Not reported  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: PACIFIC MAYFIELD  
Address: NEWPORT RD & EVANS RD  
City,State,Zip: MENIFEE, CA 92584  
Facility Status: Not reported  
NPDES Number: Not reported  
Region: Not reported  
Agency Number: Not reported  
Regulatory Measure ID: Not reported  
Place ID: Not reported  
Order Number: Not reported  
WDID: 8 33C359140  
Regulatory Measure Type: Construction  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Terminated  
Status Date: 04/11/2019  
Operator Name: Pacific Communities Builder Inc  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 8  
Regulatory Measure ID: 405072  
Order Number: Not reported  
Regulatory Measure Type: Construction  
Place ID: Not reported  
WDID: 8 33C359140  
Program Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC MAYFIELD (Continued)**

**S110735111**

Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 07/07/2010  
Processed Date: 07/07/2010  
Status: Active  
Status Date: 12/27/2011  
Place Size: 66  
Place Size Unit: Acres  
Contact: Travis Hahn  
Contact Title: Not reported  
Contact Phone: 949-394-5253  
Contact Phone Ext: Not reported  
Contact Email: travispcb@gmail.com  
Operator Name: Pacific Communities Builder Inc  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported  
Operator Contact: Not reported  
Operator Contact Title: Not reported  
Operator Contact Phone: Not reported  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
Operator Type: Private Individual  
Developer: Pacific Communities Builder Inc  
Developer Address: 1000 Dove Street  
Developer City: Newport Beach  
Developer State: California  
Developer Zip: 92660  
Developer Contact: Corinna Ocampo  
Developer Contact Title: President  
Constype Linear Utility Ind: N  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: N  
Constype Below Ground Ind: N  
Constype Cable Line Ind: N  
Constype Comm Line Ind: N  
Constype Commercial Ind: N  
Constype Electrical Line Ind: N  
Constype Gas Line Ind: N  
Constype Industrial Ind: N  
Constype Other Description: Not reported  
Constype Other Ind: N  
Constype Recons Ind: N  
Constype Residential Ind: Y  
Constype Transport Ind: N  
Constype Utility Description: Not reported  
Constype Utility Ind: N  
Constype Water Sewer Ind: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC MAYFIELD (Continued)**

**S110735111**

Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Nelson Chung
Certifier Title:	Not reported
Certification Date:	18-OCT-10
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	8
Regulatory Measure ID:	405072
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	8 33C359140
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/07/2010
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pacific Communities Builder Inc
Discharge Address:	1000 Dove Street
Discharge City:	Newport Beach
Discharge State:	California
Discharge Zip:	92660
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC MAYFIELD (Continued)**

**S110735111**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

**CIWQS:**

Name:	PACIFIC MAYFIELD
Address:	NEWPORT RD & EVANS RD
City,State,Zip:	MENIFEE, CA 92584
Agency:	Pacific Communities Builder Inc
Agency Address:	1000 Dove Street Suite 100, Newport Beach, CA 92660
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 33C359140
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	07/07/2010
Termination Date:	04/05/2019
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	2
Latitude:	33.68185
Longitude:	-117.1976



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**B6**  
**SSE**  
**1/8-1/4**  
**0.177 mi.**  
**936 ft.**

**PACIFIC MAYFIELD**  
**NEWPORT RD & EVANS RD**  
**MENIFEE, CA 92584**

**FINDS** **1023694154**  
**ECHO** **N/A**

**Site 2 of 3 in cluster B**

**Relative:**  
**Higher**

**FINDS:**

**Actual:**  
**1427 ft.**

Registry ID: 110070091211

Environmental Interest/Information System

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1023694154  
Registry ID: 110070091211  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110070091211>

**A7**  
**SW**  
**1/8-1/4**  
**0.186 mi.**  
**984 ft.**

**JEFFREY & JENNAFER GRISWOLD**  
**29993 PACIFIC CHANNEL WAY**  
**SUN CITY, CA 92586**

**HAZNET** **S118202247**  
**N/A**

**Site 2 of 3 in cluster A**

**Relative:**  
**Higher**

**HAZNET:**

**Actual:**  
**1425 ft.**

Name: JEFFREY & JENNAFER GRISWOLD  
Address: 29993 PACIFIC CHANNEL WAY  
City,State,Zip: SUN CITY, CA 92586  
Year: 2014  
GEPaid: CAC002761184  
Contact: JEFFREY & JENNAFER GRISWOLD  
Telephone: 9512190883  
Mailing Name: Not reported  
Mailing Address: 29993 PACIFIC CHANNEL WAY  
Mailing City,St,Zip: SUN CITY, CA 92586  
Gen County: Riverside  
TSD EPA ID: AZC950823111  
TSD County: 99  
Tons: 0.4  
CA Waste Code: 151-Asbestos containing waste  
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Facility County: Riverside

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)      EDR ID Number  
 EPA ID Number

**A8**  
**SW**  
**1/8-1/4**  
**0.186 mi.**  
**984 ft.**

**29993 PACIPIIC CHANNEL WAY**  
**29993 PACIFIC CHANNEL WAY**  
**SUN CITY, CA 92586**

**CIWQS**      **S121615364**  
**N/A**

**Site 3 of 3 in cluster A**

**Relative:**  
**Higher**

CIWQS:

**Actual:**  
**1425 ft.**

Name: 29993 PACIPIIC CHANNEL WAY  
 Address: 29993 PACIFIC CHANNEL WAY  
 City,State,Zip: SUN CITY, CA 92586  
 Agency: Menifee Valley LP  
 Agency Address: 2201 Martin Ste 107, Irvine, CA 92612  
 Place/Project Type: Construction - Residential  
 SIC/NAICS: Not reported  
 Region: 8  
 Program: CONSTW  
 Regulatory Measure Status: Terminated  
 Regulatory Measure Type: Storm water construction  
 Order Number: 99-08DW  
 WDID: 8 33C306796  
 NPDES Number: CAS000002  
 Adoption Date: Not reported  
 Effective Date: 02/03/1997  
 Termination Date: 05/04/1998  
 Expiration/Review Date: Not reported  
 Design Flow: Not reported  
 Major/Minor: Not reported  
 Complexity: Not reported  
 TTWQ: Not reported  
 Enforcement Actions within 5 years: 0  
 Violations within 5 years: 0  
 Latitude: Not reported  
 Longitude: Not reported

**9**  
**NNW**  
**1/8-1/4**  
**0.193 mi.**  
**1017 ft.**

**HUD INTOWN PROPERTIES INC**  
**26324 HOHOKAM COURT**  
**SUN CITY, CA 92586**

**HAZNET**      **S112878140**  
**N/A**

**Relative:**  
**Lower**

HAZNET:

**Actual:**  
**1418 ft.**

Name: HUD INTOWN PROPERTIES INC  
 Address: 26324 HOHOKAM COURT  
 City,State,Zip: SUN CITY, CA 925860000  
 Year: 1998  
 GEPaid: CAC001253912  
 Contact: EDITH TILLEY  
 Telephone: 9092740143  
 Mailing Name: Not reported  
 Mailing Address: 6850 BROCKTON AVE #215  
 Mailing City,St,Zip: RIVERSIDE, CA 925060000  
 Gen County: Riverside  
 TSD EPA ID: CAD000088252  
 TSD County: Los Angeles  
 Tons: 0.2318  
 CA Waste Code: 612-Household waste  
 Method: H01-Transfer Station  
 Facility County: Riverside

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)      EDR ID Number  
 EPA ID Number

**B10**      **MENIFEE NEWPORT STOCK PILE SITE**  
**SE**      **26525 NEWPORT RD**  
**1/8-1/4**      **MENIFEE, CA 92584**  
**0.195 mi.**  
**1027 ft.**      **Site 3 of 3 in cluster B**

**CIWQS**      **S121655112**  
**N/A**

**Relative:**  
**Higher**

**CIWQS:**

**Actual:**  
**1427 ft.**

Name: MENIFEE NEWPORT STOCK PILE SITE  
 Address: 26525 NEWPORT RD  
 City,State,Zip: MENIFEE, CA 92584  
 Agency: Steve Anderson  
 Agency Address: 39 Hudson St, Redwood City, CA 94062  
 Place/Project Type: Construction - Residential  
 SIC/NAICS: Not reported  
 Region: 8  
 Program: CONSTW  
 Regulatory Measure Status: Terminated  
 Regulatory Measure Type: Storm water construction  
 Order Number: 99-08DW  
 WDID: 8 33C341541  
 NPDES Number: CAS000002  
 Adoption Date: Not reported  
 Effective Date: 05/31/2006  
 Termination Date: 04/30/2008  
 Expiration/Review Date: Not reported  
 Design Flow: Not reported  
 Major/Minor: Not reported  
 Complexity: Not reported  
 TTWQ: Not reported  
 Enforcement Actions within 5 years: 0  
 Violations within 5 years: 0  
 Latitude: 0  
 Longitude: 0

**11**      **INTOWN PROPERTIES, INC./HUD**  
**NW**      **29715 GREENHILL DR**  
**1/8-1/4**      **SUN CITY, CA 92586**  
**0.212 mi.**  
**1121 ft.**

**HAZNET**      **S112865417**  
**N/A**

**Relative:**  
**Lower**

**HAZNET:**

**Actual:**  
**1418 ft.**

Name: INTOWN PROPERTIES, INC./HUD  
 Address: 29715 GREENHILL DR  
 City,State,Zip: SUN CITY, CA 925860000  
 Year: 1997  
 GEPID: CAC001077424  
 Contact: KEN SMITH/PROJ MGR  
 Telephone: 9093577810  
 Mailing Name: Not reported  
 Mailing Address: 6850 BROCKTON AVE STE 215  
 Mailing City,St,Zip: RIVERSIDE, CA 925080000  
 Gen County: Riverside  
 TSD EPA ID: Not reported  
 TSD County: Not reported  
 Tons: 0.0099  
 CA Waste Code: 212-Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
 Method: H01-Transfer Station  
 Facility County: Riverside

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

12  
SE  
1/8-1/4  
0.231 mi.  
1220 ft.

**THE SHOPS AT NEWPORT**  
26577-26843 NEWPORT ROAD  
MENIFEE, CA 92584

NPDES S119087725  
CIWQS N/A

Relative:  
Higher

Actual:  
1427 ft.

NPDES:  
Name: THE SHOPS AT NEWPORT  
Address: 26577-26843 NEWPORT ROAD  
City,State,Zip: MENIFEE, CA 92584  
Facility Status: Not reported  
NPDES Number: Not reported  
Region: Not reported  
Agency Number: Not reported  
Regulatory Measure ID: Not reported  
Place ID: Not reported  
Order Number: Not reported  
WDID: 8 33C377462  
Regulatory Measure Type: Construction  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 09/08/2016  
Operator Name: Oasis Builders  
Operator Address: 4909 Murphy Canyon Rd  
Operator City: San Diego  
Operator State: California  
Operator Zip: 92123

NPDES as of 03/2018:  
NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 8  
Regulatory Measure ID: 476643  
Order Number: Not reported  
Regulatory Measure Type: Construction  
Place ID: Not reported  
WDID: 8 33C377462  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 08/31/2016  
Processed Date: 09/08/2016  
Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE SHOPS AT NEWPORT (Continued)**

**S119087725**

Status Date: 09/08/2016  
Place Size: 1.56  
Place Size Unit: Acres  
Contact: Teofilo Hamui  
Contact Title: Not reported  
Contact Phone: 858-292-5185  
Contact Phone Ext: Not reported  
Contact Email: thamui@spathco.com  
Operator Name: Oasis Builders  
Operator Address: 4909 Murphy Canyon Rd  
Operator City: San Diego  
Operator State: California  
Operator Zip: 92123  
Operator Contact: Teofilo Hamui  
Operator Contact Title: Not reported  
Operator Contact Phone: 858-292-5185  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: thamui@spathco.com  
Operator Type: Private Business  
Developer: Oasis Builders  
Developer Address: 4909 Murphy Canyon Rd  
Developer City: San Diego  
Developer State: California  
Developer Zip: 92123  
Developer Contact: Teofilo Hamui  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: N  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: N  
Constype Below Ground Ind: N  
Constype Cable Line Ind: N  
Constype Comm Line Ind: N  
Constype Commercial Ind: Y  
Constype Electrical Line Ind: N  
Constype Gas Line Ind: N  
Constype Industrial Ind: N  
Constype Other Description: Not reported  
Constype Other Ind: N  
Constype Recons Ind: N  
Constype Residential Ind: N  
Constype Transport Ind: N  
Constype Utility Description: Not reported  
Constype Utility Ind: N  
Constype Water Sewer Ind: N  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Canyon Lake  
Certifier: Teofilo Hamui  
Certifier Title: Manager  
Certification Date: 31-AUG-16  
Primary Sic: Not reported  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000002  
Status: Active  
Agency Number: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE SHOPS AT NEWPORT (Continued)**

**S119087725**

Region: 8  
Regulatory Measure ID: 476643  
Order Number: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 8 33C377462  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 09/08/2016  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Oasis Builders  
Discharge Address: 4909 Murphy Canyon Rd  
Discharge City: San Diego  
Discharge State: California  
Discharge Zip: 92123  
Received Date: Not reported  
Processed Date: Not reported  
Status: Not reported  
Status Date: Not reported  
Place Size: Not reported  
Place Size Unit: Not reported  
Contact: Not reported  
Contact Title: Not reported  
Contact Phone: Not reported  
Contact Phone Ext: Not reported  
Contact Email: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported  
Operator Contact: Not reported  
Operator Contact Title: Not reported  
Operator Contact Phone: Not reported  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
Operator Type: Not reported  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: Not reported  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: Not reported  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE SHOPS AT NEWPORT (Continued)**

**S119087725**

Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: Not reported  
Receiving Water Name: Not reported  
Certifier: Not reported  
Certifier Title: Not reported  
Certification Date: Not reported  
Primary Sic: Not reported  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: THE SHOPS AT NEWPORT  
Address: 26577-26843 NEWPORT ROAD  
City,State,Zip: MENIFEE, CA 92584  
Facility Status: Active  
NPDES Number: CAS000002  
Region: 8  
Agency Number: 0  
Regulatory Measure ID: 476643  
Place ID: Not reported  
Order Number: 2009-0009-DWQ  
WDID: 8 33C377462  
Regulatory Measure Type: Enrollee  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 09/08/2016  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 4909 Murphy Canyon Rd  
Discharge Name: Oasis Builders  
Discharge City: San Diego  
Discharge State: California  
Discharge Zip: 92123  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

**NPDES as of 03/2018:**

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 8  
Regulatory Measure ID: 476643  
Order Number: Not reported  
Regulatory Measure Type: Construction  
Place ID: Not reported  
WDID: 8 33C377462  
Program Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE SHOPS AT NEWPORT (Continued)**

**S119087725**

Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/31/2016
Processed Date:	09/08/2016
Status:	Active
Status Date:	09/08/2016
Place Size:	1.56
Place Size Unit:	Acres
Contact:	Teofilo Hamui
Contact Title:	Not reported
Contact Phone:	858-292-5185
Contact Phone Ext:	Not reported
Contact Email:	thamui@spathco.com
Operator Name:	Oasis Builders
Operator Address:	4909 Murphy Canyon Rd
Operator City:	San Diego
Operator State:	California
Operator Zip:	92123
Operator Contact:	Teofilo Hamui
Operator Contact Title:	Not reported
Operator Contact Phone:	858-292-5185
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	thamui@spathco.com
Operator Type:	Private Business
Developer:	Oasis Builders
Developer Address:	4909 Murphy Canyon Rd
Developer City:	San Diego
Developer State:	California
Developer Zip:	92123
Developer Contact:	Teofilo Hamui
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commercial Ind:	Y
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE SHOPS AT NEWPORT (Continued)**

**S119087725**

Dir Discharge Uswater Ind: N  
Receiving Water Name: Canyon Lake  
Certifier: Teofilo Hamui  
Certifier Title: Manager  
Certification Date: 31-AUG-16  
Primary Sic: Not reported  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000002  
Status: Active  
Agency Number: 0  
Region: 8  
Regulatory Measure ID: 476643  
Order Number: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 8 33C377462  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 09/08/2016  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Oasis Builders  
Discharge Address: 4909 Murphy Canyon Rd  
Discharge City: San Diego  
Discharge State: California  
Discharge Zip: 92123  
Received Date: Not reported  
Processed Date: Not reported  
Status: Not reported  
Status Date: Not reported  
Place Size: Not reported  
Place Size Unit: Not reported  
Contact: Not reported  
Contact Title: Not reported  
Contact Phone: Not reported  
Contact Phone Ext: Not reported  
Contact Email: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported  
Operator Contact: Not reported  
Operator Contact Title: Not reported  
Operator Contact Phone: Not reported  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
Operator Type: Not reported  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: Not reported  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**THE SHOPS AT NEWPORT (Continued)**

**S119087725**

Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

**CIWQS:**

Name:	THE SHOPS AT NEWPORT
Address:	26577-26843 NEWPORT ROAD
City,State,Zip:	MENIFEE, CA 92584
Agency:	Oasis Builders
Agency Address:	4909 Murphy Canyon Rd, San Diego, CA 92123
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 33C377462
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	09/08/2016
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.68459
Longitude:	-117.18999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**C13**  
**WSW**  
**1/4-1/2**  
**0.331 mi.**  
**1749 ft.**

**99 CENTS ONLY STORES**  
**26100 NEWPORT RD**  
**MENIFEE, CA 92584**

**RCRA NonGen / NLR**

**1024840089**  
**CAL000388499**

**Site 1 of 4 in cluster C**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**1422 ft.**

Date form received by agency: 08/09/2013  
Facility name: 99 CENTS ONLY STORES  
Facility address: 26100 NEWPORT RD  
MENIFEE, CA 92584-7002  
EPA ID: CAL000388499  
Mailing address: 4000 UNION PACIFIC AVENUE  
COMMERCE, CA 90023  
Contact: EDGAR FLORES  
Contact address: 4000 UNION PACIFIC AVE  
COMMERCE, CA 90023  
Contact country: Not reported  
Contact telephone: 323-919-3290  
Contact email: EDGAR.FLORES@99ONLY.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: EDGAR FLORES  
Owner/operator address: 4000 UNION PACIFIC AVE  
COMMERCE, CA 90023  
Owner/operator country: Not reported  
Owner/operator telephone: 323-919-3290  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: 99 CENTS ONLY STORES  
Owner/operator address: 4000 UNION PACIFIC AVENUE  
COMMERCE, CA 90023  
Owner/operator country: Not reported  
Owner/operator telephone: 323-980-8145  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**99 CENTS ONLY STORES (Continued)**

**1024840089**

On-site burner exemption: No  
 Furnace exemption: No  
 Used oil fuel burner: No  
 Used oil processor: No  
 User oil refiner: No  
 Used oil fuel marketer to burner: No  
 Used oil Specification marketer: No  
 Used oil transfer facility: No  
 Used oil transporter: No

Violation Status: No violations found

**C14**  
**WSW**  
**1/4-1/2**  
**0.331 mi.**  
**1749 ft.**

**RITZ CLEANERS**  
**26100 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 2 of 4 in cluster C**

**EDR Hist Cleaner** **1020075261**  
**N/A**

**Relative:**  
**Higher**

EDR Hist Cleaner

**Actual:**  
**1422 ft.**

Year:	Name:	Type:
2004	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2005	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2006	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2007	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2008	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2009	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2010	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2011	RITZ CLEANERS	Drycleaning Plants, Except Rugs
2012	RITZ CLEANERS	Drycleaning Plants, Except Rugs

**C15**  
**WSW**  
**1/4-1/2**  
**0.331 mi.**  
**1749 ft.**

**99 CENTS ONLY STORES #371**  
**26100 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 3 of 4 in cluster C**

**CERS HAZ WASTE** **S118233512**  
**CERS** **N/A**

**Relative:**  
**Higher**

CERS HAZ WASTE:

**Actual:**  
**1422 ft.**

Name:	AUTOZONE #4153
Address:	26100 NEWPORT RD
City,State,Zip:	MENIFEE, CA 92584
Site ID:	387025
CERS ID:	10483108
CERS Description:	Hazardous Waste Onsite Treatment
Name:	99 CENTS ONLY STORES #371
Address:	26100 NEWPORT RD
City,State,Zip:	MENIFEE, CA 92584
Site ID:	1820
CERS ID:	10474126
CERS Description:	Hazardous Waste Generator
Name:	AUTOZONE #4153
Address:	26100 NEWPORT RD
City,State,Zip:	MENIFEE, CA 92584
Site ID:	387025
CERS ID:	10483108

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

99 CENTS ONLY STORES #371 (Continued)

S118233512

CERS Description: Hazardous Waste Generator

CERS:  
Name: CARL'S JR #1157  
Address: 26100 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 16536  
CERS ID: 10461028  
CERS Description: Chemical Storage Facilities

Violations:  
Site ID: 16536  
Site Name: Carl's Jr #1157  
Violation Date: 08-27-2015  
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: 16536  
Site Name: Carl's Jr #1157  
Violation Date: 08-27-2015  
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 09/30/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 16536  
Site Name: Carl's Jr #1157  
Violation Date: 08-27-2015  
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

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-27-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

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: HMRRP  
Eval Source: CERS

Enforcement Action:  
Site ID: 16536  
Site Name: Carl's Jr #1157  
Site Address: 26100 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 08-27-2015  
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

Coordinates:  
Site ID: 16536  
Facility Name: Carl's Jr #1157  
Env Int Type Code: HMBP  
Program ID: 10461028  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.686140  
Longitude: -117.205360

Affiliation:  
Affiliation Type Desc: Identification Signer  
Entity Name: Jim Deutch  
Entity Title: Controller  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

99 CENTS ONLY STORES #371 (Continued)

S118233512

Affiliation Type Desc: Environmental Contact  
Entity Name: Carlos Torres  
Entity Title: Not reported  
Affiliation Address: PO Box 3615  
Affiliation City: Corona  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92878-3615  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Bernard Karcher Investments Inc B & J, LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: PO Box 3615  
Affiliation City: Corona  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92878-3615  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: B&J LLC  
Entity Title: Not reported  
Affiliation Address: PO Box 3615  
Affiliation City: Corona  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92878-3615  
Affiliation Phone: (951) 272-6277

Affiliation Type Desc: Operator  
Entity Name: B&J LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (951) 272-2677

Affiliation Type Desc: Document Preparer  
Entity Name: Jim Deutch  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Name: 99 CENTS ONLY STORES #371  
Address: 26100 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 1820  
CERS ID: 10474126  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple  
Violation Description: Haz Waste Generator Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 02/07/2014. [LOCAL ORDINANCE VIOLATION 104B] Emergency phone numbers have been posted appropriately.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16  
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

99 CENTS ONLY STORES #371 (Continued)

S118233512

amount of both introductory and continuing training that will be given to each person filling a position.  
Returned to compliance on 02/07/2014.  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)  
Violation Description: Failure to review, revise, and recertify the business plan at least once every three years.  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: 40 CFR 1 262.34(d)(5)(i) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(i)  
Violation Description: Failure to have an emergency coordinator or a designee onsite during operating hours.  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Training - General  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 02/07/2014. [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: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Citation: 19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)  
Violation Description: Failure to complete and/or submit an annotated site map if required by CUPA.  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5  
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)  
Violation Description: Failure to include adequate emergency response procedures in the business plan for a release or threatened release.  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Violation Date: 12-12-2013  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple  
Violation Description: Business Plan Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 02/07/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 02-07-2014  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Eval General Type: Other/Unknown  
Eval Date: 02-07-2014  
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: 08-21-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: trainee present  
Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-21-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: trainee present  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-12-2013  
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: 12-12-2013  
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: 1820  
Site Name: 99 Cents Only Stores #371  
Site Address: 26100 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 12-12-2013  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Enf Action Source: CERS  
  
Site ID: 1820  
Site Name: 99 Cents Only Stores #371  
Site Address: 26100 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 12-12-2013  
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

Coordinates:  
Site ID: 1820  
Facility Name: 99 Cents Only Stores #371  
Env Int Type Code: HWG  
Program ID: 10474126  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.686140  
Longitude: -117.205360

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: Janelle Brown  
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: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Edgar Flores  
Entity Title: Compliance Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Affiliation Type Desc: Legal Owner  
Entity Name: 99 Cents Only Stores  
Entity Title: Not reported  
Affiliation Address: 4000 Union Pacific Avenue  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 90023  
Affiliation Phone: (323) 980-8145

Affiliation Type Desc: Parent Corporation  
Entity Name: 99 Cents Only Stores LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: SCP Menifee, LLC  
Entity Title: Not reported  
Affiliation Address: 1234 E. 17th Street  
Affiliation City: Santa Ana  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92701  
Affiliation Phone: (714) 460-1508

Affiliation Type Desc: Environmental Contact  
Entity Name: EDGAR FLORES  
Entity Title: Not reported  
Affiliation Address: 4000 Union Pacific Avenue  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90023  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 4000 Union Pacific Avenue  
Affiliation City: Commerce  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 90023  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: 99 Cents Only Stores  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Affiliation Zip: Not reported  
Affiliation Phone: (951) 679-9646

Name: AUTOZONE #4153  
Address: 26100 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 387025  
CERS ID: 10483108  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 387025  
Site Name: AutoZone #4153  
Violation Date: 05-30-2014  
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 11/12/2014. [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: 387025  
Site Name: AutoZone #4153  
Violation Date: 05-30-2014  
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)  
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.  
Violation Notes: Returned to compliance on 05/30/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 387025  
Site Name: AutoZone #4153  
Violation Date: 05-30-2014  
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 05/30/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-02-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Inspection plus travel time  
Eval Division: Riverside County Department of Env Health

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Eval Program: CE  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-30-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Wes - disclosure and generator inspections  
Eval Division: Riverside County Department of Env Health  
Eval Program: CE  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-30-2014  
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: Compliance Evaluation Inspection  
Eval Date: 05-30-2014  
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

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-21-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: trainee present  
Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-21-2017  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: trainee present  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 11-12-2014  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

99 CENTS ONLY STORES #371 (Continued)

S118233512

Enforcement Action:

Site ID: 387025  
Site Name: AutoZone #4153  
Site Address: 26100 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 05-30-2014  
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: HMRRP  
Enf Action Source: CERS

Site ID: 387025  
Site Name: AutoZone #4153  
Site Address: 26100 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 05-30-2014  
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

Coordinates:

Site ID: 387025  
Facility Name: AutoZone #4153  
Env Int Type Code: HMBP  
Program ID: 10483108  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.686140  
Longitude: -117.205360

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: Deborah Williams  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: Dept 8190, 123 South Front Street  
Affiliation City: Memphis  
Affiliation State: TN  
Affiliation Country: Not reported  
Affiliation Zip: 38103  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Sun City LLC  
Entity Title: Not reported  
Affiliation Address: 30242 Esperanza  
Affiliation City: Rancho Santa Margarita  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92688  
Affiliation Phone: (949) 858-7800

Affiliation Type Desc: Legal Owner  
Entity Name: AutoZone Stores Inc  
Entity Title: Not reported  
Affiliation Address: 123 South Front Street  
Affiliation City: Memphis  
Affiliation State: TN  
Affiliation Country: United States  
Affiliation Zip: 38103  
Affiliation Phone: (901) 495-6500

Affiliation Type Desc: Onsite Treatment Unit Owner Operator  
Entity Name: Bryan Blair  
Entity Title: Environmental Specialist  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Autozone  
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: (901) 495-7129

Affiliation Type Desc: Environmental Contact  
Entity Name: Andrew Beaven  
Entity Title: Not reported  
Affiliation Address: Dept 8190, 123 South Front Street  
Affiliation City: Memphis

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**99 CENTS ONLY STORES #371 (Continued)**

**S118233512**

Affiliation State: TN  
Affiliation Country: Not reported  
Affiliation Zip: 38103  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Deborah Williams  
Entity Title: Environmental Coordinator  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Auto Zone  
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: Not reported

**C16**  
**WSW**  
**1/4-1/2**  
**0.331 mi.**  
**1749 ft.**

**AUTOZONE #4153**  
**26100 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 4 of 4 in cluster C**

**RCRA NonGen / NLR**    **1024839349**  
**CAL000387206**

**Relative:**  
**Higher**  
**Actual:**  
**1422 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 07/08/2013  
Facility name: AUTOZONE #4153  
Facility address: 26100 NEWPORT RD  
MENIFEE, CA 92584-7002  
EPA ID: CAL000387206  
Mailing address: DEPT 8190, 123 S FRONT ST  
MEMPHIS, TN 38103-3607  
Contact: BRYAN BLAIR  
Contact address: DEPT 8190, 123 SOUTH FRONT STREET  
MEMPHIS, TN 38103  
Contact country: Not reported  
Contact telephone: 901-495-7217  
Contact email: BRYAN.BLAIR@AUTOZONE.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:  
Owner/operator name: BRYAN BLAIR  
Owner/operator address: DEPT 8190, 123 SOUTH FRONT STREET  
MEMPHIS, TN 38103  
Owner/operator country: Not reported  
Owner/operator telephone: 901-495-7217  
Owner/operator email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AUTOZONE #4153 (Continued)**

**1024839349**

Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: AUTO ZONE CORPORTATION  
Owner/operator address: 123 S FRONT ST  
MEMPHIS, TN 38103

Owner/operator country: Not reported  
Owner/operator telephone: 901-495-6500  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

17  
ESE  
1/4-1/2  
0.370 mi.  
1953 ft.

**MOUNTAIN VIEW TIRE**  
**30027 WINTER HAWK RD**  
**MENIFEE, CA 92584**

**CERS HAZ WASTE S123523265**  
**CERS N/A**

**Relative:**  
**Higher**

**Actual:**  
**1427 ft.**

CERS HAZ WASTE:  
Name: MOUNTAIN VIEW TIRE  
Address: 30027 WINTER HAWK RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 447026  
CERS ID: 10779460  
CERS Description: Hazardous Waste Generator

CERS:  
Name: MOUNTAIN VIEW TIRE  
Address: 30027 WINTER HAWK RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 447026

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

CERS ID: 10779460  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 05-09-2019  
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)

Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.

Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 04-02-2019  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 05/09/2019. OBSERVATION: The chemical inventory description page submitted for Nitrogen indicates that it is stored onsite in a gaseous state; however, the tank observed during the inspection is liquefied nitrogen. This material is stored as a liquid and must therefore be reported in gallons. CORRECTIVE ACTION: Owner/operator shall update the chemical inventory page for liquefied nitrogen and submit to the statewide information management system at <http://cers.calepa.ca.gov>. Missing information may be found by looking at the chemical safety data sheet. Determine the size of the tank and convert the quantity into gallons.

Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 04-02-2019  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16

Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 05-31-2019  
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)  
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.

Violation Notes: Returned to compliance on 06/04/2019.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 05-09-2019  
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16  
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 05-09-2019  
Citation: Un-Specified  
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance

Violation Notes: OBSERVATION: Required NFPA-704 signs were not posted. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted on the exterior wall at the entrance to the service bays and shall be readily observable

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

upon approaching the building.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 04-02-2019  
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)  
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.  
Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 04-02-2019  
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 05/09/2019. OBSERVATION: No training records observed/provided during inspection. Training records are being maintained at the corporate facility rather than onsite, so training cannot be verified 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 documentation of hazardous materials training to kgill@rivco.org to clear this violation.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 05-09-2019  
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)  
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.  
Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 04-02-2019  
Citation: Un-Specified  
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance  
Violation Notes: OBSERVATION: Required NFPA-704 signs were not posted. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted on the exterior wall at the entrance to the shop area. Based on the safety data sheets for the materials stored onsite, the ratings for the signs should be 3 in the blue section, 1 in the red section, 3 in the yellow section, and W with a line through it in the white section.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 447026  
Site Name: Mountain View Tire  
Violation Date: 04-02-2019  
Citation: 22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)  
Violation Description: Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.  
Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-02-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: LQG inspection  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-09-2019  
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: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-09-2019  
Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

Eval Type: Other, not routine, done by local agency  
Eval Notes: Re-inspection following inspection on 04/02/2019.  
Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-31-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Re-inspection following re-inspection on 05/09/2019 and inspection on 04/02/2019. All violations were observed to be corrected at the time of re-inspection. All time spent on today's re-inspection will be billed to the facility, pursuant to Riverside County Ordinance 640.

Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-31-2019  
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: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-02-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Facility is a tire and automotive repair shop, which stores oil, antifreeze, liquefied nitrogen, and lead-acid batteries onsite.

Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval 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: Tim Squires  
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: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

Affiliation Type Desc: Environmental Contact  
Entity Name: TIM SQUIRES  
Entity Title: Not reported  
Affiliation Address: 8548 Utica Ave  
Affiliation City: Rancho Cucamonga  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 91730  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 30027 Winterhawk Rd  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Nicholas Mitsos  
Entity Title: President  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Mountain View Tire and Service  
Entity Title: Not reported  
Affiliation Address: 8548 Utica Ave  
Affiliation City: Rancho Cucamonga  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91730  
Affiliation Phone: (909) 484-9497

Affiliation Type Desc: Operator  
Entity Name: Mountain View Tire and 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: (909) 484-9497

Affiliation Type Desc: Parent Corporation  
Entity Name: Mountain View Tire  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOUNTAIN VIEW TIRE (Continued)**

**S123523265**

Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**D18**  
**WSW**  
**1/4-1/2**  
**0.393 mi.**  
**2076 ft.**

**CHEVRON SERVICE STATION#20-8064**  
**29950 MURRIETA RD**  
**MENIFEE, CA 92584**  
**Site 1 of 2 in cluster D**

**UST** **U003790982**  
**N/A**

**Relative:**  
**Higher**

**UST:**  
Name: SUN CITY FUELS  
Address: 29950 MURRIETA RD  
City,State,Zip: MENIFEE, CA 92584-8536  
Facility ID: FA0021924  
Permitting Agency: Riverside County Department of Environmental Health  
Latitude: 33.68553  
Longitude: -117.20553

**Actual:**  
**1422 ft.**

**RIVERSIDE CO. UST:**  
Name: CHEVRON SERVICE STATION#20-8064  
Address: 29950 MURRIETA RD  
City,State,Zip: MENIFEE, CA 92584  
Region: RIVERSIDE  
Total Tanks: 3

**D19**  
**WSW**  
**1/4-1/2**  
**0.393 mi.**  
**2076 ft.**

**SUN CITY FUELS**  
**29950 MURRIETA RD**  
**MENIFEE, CA 92584**  
**Site 2 of 2 in cluster D**

**CERS HAZ WASTE** **S123516381**  
**CERS TANKS** **N/A**  
**CERS**

**Relative:**  
**Higher**

**CERS HAZ WASTE:**  
Name: SUN CITY FUELS  
Address: 29950 MURRIETA RD  
City,State,Zip: MENIFEE, CA 92584-8536  
Site ID: 403121  
CERS ID: 10320970  
CERS Description: Hazardous Waste Generator

**Actual:**  
**1422 ft.**

**CERS TANKS:**  
Name: SUN CITY FUELS  
Address: 29950 MURRIETA RD  
City,State,Zip: MENIFEE, CA 92584-8536  
Site ID: 403121  
CERS ID: 10320970  
CERS Description: Underground Storage Tank

**CERS:**  
Name: SUN CITY FUELS  
Address: 29950 MURRIETA RD  
City,State,Zip: MENIFEE, CA 92584-8536  
Site ID: 403121  
CERS ID: 10320970  
CERS Description: Chemical Storage Facilities

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Violations:

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
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 07/06/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
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 07/06/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-25-2015  
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)  
Violation Description: Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.  
Violation Notes: Returned to compliance on 09/01/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
Citation: Un-Specified  
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance  
Violation Notes: Returned to compliance on 06/27/2018. OBSERVATION: Required NFPA-704 signs were not posted at all entrances to the building and on both sides of the propane tank. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted on each side of the propane tank. There is currently a sign on one end of the tank, but the other end also requires a sign to be posted. Owner/operator shall also post NFPA 704 signs on all entrances to the building, to indicate that liquefied carbon dioxide is stored within.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2019  
Citation: 23 CCR 16 2716(a) through (e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(a) through (e)  
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following 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 trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.  
Violation Notes: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
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 07/13/2018. OBSERVATION: The documentation of employee training was not complete, as it did not cover the hazards of on-site propane and liquefied carbon dioxide. CORRECTIVE ACTION: Owner/operator shall provide training to all employees on each material that is stored on-site. 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: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-25-2015  
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 08/20/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-17-2014  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.  
Violation Notes: Returned to compliance on 08/01/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
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 07/03/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-17-2014  
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 08/01/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-25-2015  
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 09/01/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2019  
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: Not reported  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-17-2014  
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections  
Violation Description: UST Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 08/01/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 07/26/2018. OBSERVATION: The most recent business plan submission in the statewide information management system (CERS) did not contain the car wash chemicals that are stored on-site. There are also three cylinders of gaseous carbon dioxide stored next to the bulk carbon dioxide tank that are not in 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 at <http://cers.calepa.ca.gov>.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-17-2014  
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections  
Violation Description: UST Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 08/01/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
Citation: Un-Specified  
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance  
Violation Notes: Returned to compliance on 07/11/2018. OBSERVATION: The car wash chemicals did not have labels to indicate what is stored within the containers. Only three of the several containers stored in the car wash area had product labels on them. Also, there is a large tank in the corner of the car wash, near the exit, that requires a label as to the contents of the container. The container is possibly water, but it

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

should have a label placed on it so that its contents are known to first responders. CORRECTIVE ACTION: Owner/operator shall ensure all hazardous materials containers are labeled with a product name.

Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-20-2018  
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)

Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violation Notes: Returned to compliance on 07/31/2018. OBSERVATION: Observed manifest numbers 010230607 FLE (01/12/2017), 009553156 FLE (07/07/2016), 009017453 FLE (02/04/2016) with no matching TSDf-signed copy. CORRECTIVE ACTION: Owner/operator shall locate TSDf-signed copy of each manifest listed above.

Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 11-01-2018  
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)

Violation Description: Failure to maintain secondary containment (e.g., failure of secondary containment testing).

Violation Notes: Returned to compliance on 01/11/2019.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Violation Date: 06-25-2015  
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 09/01/2015.

Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-17-2014  
Violations Found: Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

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: 06-20-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Facility is a gas station with a car wash and convenience store.  
Hazardous wastes generated on-site include spent absorbent, sump test water, fuel filters, and universal waste.

Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-20-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Facility is a gas station with a convenience store and car wash.  
Hazardous materials on-site include liquefied carbon dioxide, propane, car wash chemicals, and gasoline and diesel in underground storage tanks.

Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-20-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Monitoring Cert.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-20-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Annual monitoring cert.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-21-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: CMD  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Eval Date: 06-21-2017  
Violations Found: No  
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: 06-25-2015  
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: 06-25-2015  
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: Compliance Evaluation Inspection  
Eval Date: 06-25-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-06-2018  
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: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-31-2014  
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: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-07-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Eval Notes: Deliver AEO notice  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-20-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: RTC- Violations cleared  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 08-27-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: SB989- Test partially done due to equipment malfunction. To be finished the following week  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-01-2015  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: return to Hemet office  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-01-2015  
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: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 10-31-2018  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Write up NOV to deliver on 11/1  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 11-01-2018  
Violations Found: Yes  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Deliver NOV for SB 989 failures (plus travel to site)  
Eval Division: Riverside County Department of Env Health

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Eval Program: UST  
Eval Source: CERS

Enforcement Action:  
Site ID: 403121  
Site Name: Sun City Fuels  
Site Address: 29950 MURRIETA RD  
Site City: MENIFEE  
Site Zip: 92584-8536  
Enf Action Date: 06-17-2014  
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: UST  
Enf Action Source: CERS

Site ID: 403121  
Site Name: Sun City Fuels  
Site Address: 29950 MURRIETA RD  
Site City: MENIFEE  
Site Zip: 92584-8536  
Enf Action Date: 06-25-2015  
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: 403121  
Site Name: Sun City Fuels  
Site Address: 29950 MURRIETA RD  
Site City: MENIFEE  
Site Zip: 92584-8536  
Enf Action Date: 06-25-2015  
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: 403121  
Site Name: Sun City Fuels  
Site Address: 29950 MURRIETA RD  
Site City: MENIFEE  
Site Zip: 92584-8536  
Enf Action Date: 06-25-2015  
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: UST  
Enf Action Source: CERS

Site ID: 403121

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Site Name: Sun City Fuels  
Site Address: 29950 MURRIETA RD  
Site City: MENIFEE  
Site Zip: 92584-8536  
Enf Action Date: 08-30-2018  
Enf Action Type: AEO - Unified Program  
Enf Action Description: Administrative Enforcement Order Based on the Unified Program Statute  
Enf Action Notes: Fines/Penalties Assessed: \$1,000.00.  
Enf Action Division: Riverside County Department of Env Health  
Enf Action Program: UST  
Enf Action Source: CERS

Affiliation:

Affiliation Type Desc: Identification Signer  
Entity Name: Patrick Sullivan  
Entity Title: Managing Partner  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner  
Entity Name: Sun City Fuels Company  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-8536  
Affiliation Phone: (951) 301-6670

Affiliation Type Desc: UST Tank Owner  
Entity Name: Sun City Fuels Company  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-8536  
Affiliation Phone: (951) 301-6670

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584-8536  
Affiliation Phone: Not reported

Affiliation Type Desc: CUPA District  
Entity Name: Riverside Cnty Env Health  
Entity Title: Not reported  
Affiliation Address: 4065 County Circle Drive, Room 104

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

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: Jon Martin  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584-8536  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Sun City Fuels Co. (Chevron 208064) Murrieta Rd  
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: Not reported

Affiliation Type Desc: UST Permit Applicant  
Entity Name: Mike Moyet  
Entity Title: General Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (951) 301-6670

Affiliation Type Desc: UST Property Owner Name  
Entity Name: Sun City Fuels Company  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-8536  
Affiliation Phone: (951) 301-6670

Affiliation Type Desc: Document Preparer  
Entity Name: Richard S. Martin  
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: Not reported

Affiliation Type Desc: Legal Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS (Continued)**

**S123516381**

Entity Name: Sun City Fuels Company  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-8536  
Affiliation Phone: (951) 301-6670

Affiliation Type Desc: Operator  
Entity Name: Sun City Fuels  
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) 301-6670

Affiliation Type Desc: UST Tank Operator  
Entity Name: Sun City Fuels  
Entity Title: Not reported  
Affiliation Address: 29950 Murrieta Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-8536  
Affiliation Phone: (951) 301-6670

**20**  
**WNW**  
**1/4-1/2**  
**0.407 mi.**  
**2150 ft.**

**SUN CITY DESALTER**  
**29541 MURRIETA RD**  
**SUN CITY, CA 92586**

**RCRA-SQG** **1008879914**  
**FINDS** **CAR000167783**  
**HAZNET**

**Relative:**  
**Lower**

RCRA-SQG:

**Actual:**  
**1418 ft.**

Date form received by agency: 10/31/2005  
Facility name: SUN CITY DESALTER  
Facility address: 29541 MURRIETA RD  
SUN CITY, CA 92586  
EPA ID: CAR000167783  
Mailing address: PO BOX 8300  
PERRIS, CA 92570  
Contact: JUDY J ADAMS  
Contact address: PO BOX 8300  
PERRIS, CA 92570  
Contact country: US  
Contact telephone: 951-928-3777  
Telephone ext.: 6252  
Contact email: ADAMSJ@EMWD.ORG  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY DESALTER (Continued)**

**1008879914**

Owner/Operator Summary:

Owner/operator name: EASTERN MUNICIPAL WATER DISTRICT  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: 10/16/1950  
Owner/Op end date: Not reported

Owner/operator name: EASTERN MUNICIPAL WATER DISTRICT  
Owner/operator address: PO BOX 8300  
PERRIS, CA 92570  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: 10/16/1950  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D002  
. Waste name: CORROSIVE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110055689312

Environmental Interest/Information System

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY DESALTER (Continued)**

**1008879914**

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:

Name: SUN CITY DESALTER  
Address: 29541 MURRIETA RD  
City,State,Zip: SUN CITY, CA 925860000  
Year: 2017  
GEPaid: CAR000167783  
Contact: DOUG EDWARDS  
Telephone: 9519283777  
Mailing Name: Not reported  
Mailing Address: PO BOX 8300  
Mailing City,St,Zip: PERRIS, CA 925728300  
Gen County: Riverside  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 0.4587  
CA Waste Code: 791-Liquids with pH <= 2  
Method: H039-Other Recovery Of Reclamation For Reuse Including Acid  
Regeneration, Organics Recovery Ect  
Facility County: Riverside

Name: SUN CITY DESALTER  
Address: 29541 MURRIETA RD  
City,State,Zip: SUN CITY, CA 925860000  
Year: 2015  
GEPaid: CAR000167783  
Contact: DOUG EDWARDS  
Telephone: 9519283777  
Mailing Name: Not reported  
Mailing Address: PO BOX 8300  
Mailing City,St,Zip: PERRIS, CA 925728300  
Gen County: Riverside  
TSD EPA ID: AZR000501510  
TSD County: 99  
Tons: 0.02085  
CA Waste Code: 181-Other inorganic solid waste  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Riverside

Name: SUN CITY DESALTER  
Address: 29541 MURRIETA RD  
City,State,Zip: SUN CITY, CA 925860000  
Year: 2015  
GEPaid: CAR000167783  
Contact: DOUG EDWARDS  
Telephone: 9519283777  
Mailing Name: Not reported  
Mailing Address: PO BOX 8300  
Mailing City,St,Zip: PERRIS, CA 925728300  
Gen County: Riverside  
TSD EPA ID: CAD008488025



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY DESALTER (Continued)**

**1008879914**

TSD County: Los Angeles  
Tons: 0.1668  
CA Waste Code: -  
Method: H010-Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Facility County: Riverside

Name: SUN CITY DESALTER  
Address: 29541 MURRIETA RD  
City,State,Zip: SUN CITY, CA 925860000  
Year: 2013  
GEPaid: CAR000167783  
Contact: DOUG EDWARDS  
Telephone: 9519283777  
Mailing Name: Not reported  
Mailing Address: PO BOX 8300  
Mailing City,St,Zip: PERRIS, CA 927288300  
Gen County: Riverside  
TSD EPA ID: AZR000501510  
TSD County: 99  
Tons: 0.55  
CA Waste Code: 141-Off-specification, aged or surplus inorganics  
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Riverside

Name: SUN CITY DESALTER  
Address: 29541 MURRIETA RD  
City,State,Zip: SUN CITY, CA 925860000  
Year: 2010  
GEPaid: CAR000167783  
Contact: DOUG EDWARDS  
Telephone: 9519283777  
Mailing Name: Not reported  
Mailing Address: PO BOX 8300  
Mailing City,St,Zip: PERRIS, CA 927288300  
Gen County: Riverside  
TSD EPA ID: NVT330010000  
TSD County: 99  
Tons: 1.5075  
CA Waste Code: 141-Off-specification, aged or surplus inorganics  
Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(  
To Include On-Site Treatment And/Or Stabilization)  
Facility County: Riverside

[Click this hyperlink](#) while viewing on your computer to access  
7 additional CA\_HAZNET: record(s) in the EDR Site Report.

**E21**  
**WSW**  
**1/4-1/2**  
**0.413 mi.**  
**2182 ft.**

**SUN CITY FUELS CO**  
**26015 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 1 of 8 in cluster E**

**UST U004260018**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1425 ft.**

UST:  
Name: SUN CITY FUELS CO.  
Address: 26015 NEWPORT ROAD  
City,State,Zip: MENIFEE, CA 92584-7301  
Facility ID: FA0045385

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO (Continued)**

**U004260018**

Permitting Agency: Riverside County Department of Environmental Health  
Latitude: 33.68453  
Longitude: -117.20543

RIVERSIDE CO. UST:

Name: SUN CITY FUELS CO  
Address: 26015 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Region: RIVERSIDE  
Total Tanks: 3

**E22**  
**WSW**  
**1/4-1/2**  
**0.413 mi.**  
**2182 ft.**

**SUN CITY FUELS CO**  
**26015 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 2 of 8 in cluster E**

**RCRA NonGen / NLR** **1024851728**  
**CAL000410359**

**Relative:**  
**Higher**  
**Actual:**  
**1425 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 09/15/2015  
Facility name: SUN CITY FUELS CO  
Facility address: 26015 NEWPORT RD  
MENIFEE, CA 92584  
EPA ID: CAL000410359  
Contact: JON MARTIN  
Contact address: 26015 NEWPORT RD  
MENIFEE, CA 92584  
Contact country: Not reported  
Contact telephone: 951-301-6670  
Contact email: JON@THECOMPLIANCEGUYS.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: JON MARTIN  
Owner/operator address: 26015 NEWPORT RD  
MENIFEE, CA 92584  
Owner/operator country: Not reported  
Owner/operator telephone: 951-301-6670  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: SUN CITY FUEL CO  
Owner/operator address: 26015 NEWPORT RD  
MENIFEE, CA 92584  
Owner/operator country: Not reported  
Owner/operator telephone: 951-301-6670  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO (Continued)**

**1024851728**

Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**E23**  
**WSW**  
**1/4-1/2**  
**0.413 mi.**  
**2182 ft.**

**SUN CITY FUELS CO.**  
**26015 NEWPORT ROAD**  
**MENIFEE, CA 92584**  
**Site 3 of 8 in cluster E**

**CERS HAZ WASTE** **S113178860**  
**CERS TANKS** **N/A**  
**CERS**

**Relative:**  
**Higher**  
**Actual:**  
**1425 ft.**

**CERS HAZ WASTE:**  
Name: SUN CITY FUELS CO.  
Address: 26015 NEWPORT ROAD  
City,State,Zip: MENIFEE, CA 92584-7301  
Site ID: 74722  
CERS ID: 10327096  
CERS Description: Hazardous Waste Generator

**CERS TANKS:**  
Name: SUN CITY FUELS CO.  
Address: 26015 NEWPORT ROAD  
City,State,Zip: MENIFEE, CA 92584-7301  
Site ID: 74722  
CERS ID: 10327096  
CERS Description: Underground Storage Tank

**CERS:**  
Name: JACK IN THE BOX #5347  
Address: 26015 NEWPORT RD STE A  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 125332  
CERS ID: 10140577  
CERS Description: Chemical Storage Facilities

**Violations:**  
Site ID: 125332  
Site Name: Jack in the Box #5347  
Violation Date: 08-27-2015  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

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 09/30/2015.

Violation Division: Riverside County Department of Env Health

Violation Program: HMRRP

Violation Source: CERS

Site ID: 125332

Site Name: Jack in the Box #5347

Violation Date: 08-27-2015

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 09/30/2015.

Violation Division: Riverside County Department of Env Health

Violation Program: HMRRP

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection

Eval Date: 08-27-2015

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

Enforcement Action:

Site ID: 125332

Site Name: Jack in the Box #5347

Site Address: 26015 NEWPORT RD STE A

Site City: MENIFEE

Site Zip: 92584

Enf Action Date: 08-27-2015

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: 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Affiliation Type Desc: Document Preparer  
Entity Name: Amira Hakim  
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: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: DMSD FOODS, INC.  
Entity Title: Not reported  
Affiliation Address: 41760 Ivy street suite #201  
Affiliation City: Murrieta  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92562  
Affiliation Phone: (951) 234-0325

Affiliation Type Desc: Identification Signer  
Entity Name: Amira Hakim  
Entity Title: Administrative analyst  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: DMSD FOODS, INC.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (951) 234-0325

Affiliation Type Desc: Environmental Contact  
Entity Name: lucy stanciu  
Entity Title: Not reported  
Affiliation Address: 41760 Ivy street suite #201  
Affiliation City: Murrieta  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92562  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 41760 Ivy St 201  
Affiliation City: Murrieta  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Affiliation Zip: 92562  
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: DMSD Foods  
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: Not reported

Name: SUN CITY FUELS CO.  
Address: 26015 NEWPORT ROAD  
City,State,Zip: MENIFEE, CA 92584-7301  
Site ID: 74722  
CERS ID: 10327096  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 09-29-2015  
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 07/14/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-31-2016  
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 12/07/2016. 87  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-21-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.  
Violation Notes: Returned to compliance on 07/14/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-29-2018  
Citation: HSC 6.7 25290.1(c)(3),25290.2(c)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c)(3),25290.2(c)(3)

Violation Description: Failure to keep water out of the secondary containment of UST systems installed on or after July 1, 2003.  
Violation Notes: Returned to compliance on 01/31/2019. OBSERVATION: Observed approximately 3 gallons of liquid in the Diesel STP sump. CORRECTIVE ACTION: Owner/operator shall investigate the cause of the water intrusion into the Diesel STP sump and make the necessary repairs to eliminate the intrusion of water into the containment sump. UST systems built after 7/1/03 shall prevent water intrusion into the secondary containment system. A consultation with the Hazmat Branch area plan checker may be necessary prior to repairs or installation of equipment as plans may be required.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-31-2016  
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 12/07/2016. Diesel  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-21-2015  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)

Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.  
Violation Notes: Returned to compliance on 07/14/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-31-2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

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 12/07/2016. 91

Violation Division: Riverside County Department of Env Health

Violation Program: UST

Violation Source: CERS

Site ID: 74722

Site Name: Sun City Fuels Co.

Violation Date: 09-29-2015

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 07/14/2016.

Violation Division: Riverside County Department of Env Health

Violation Program: HMRRP

Violation Source: CERS

Site ID: 74722

Site Name: Sun City Fuels Co.

Violation Date: 10-31-2016

Citation: HSC 6.7 25294 - California Health and Safety Code, Chapter 6.7, Section(s) 25294

Violation Description: Failure to record any unauthorized release from the primary containment.

Violation Notes: Returned to compliance on 10/31/2016.

Violation Division: Riverside County Department of Env Health

Violation Program: UST

Violation Source: CERS

Site ID: 74722

Site Name: Sun City Fuels Co.

Violation Date: 09-29-2015

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 07/14/2016.

Violation Division: Riverside County Department of Env Health

Violation Program: HMRRP

Violation Source: CERS

Site ID: 74722

Site Name: Sun City Fuels Co.

Violation Date: 09-29-2015

Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)

Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.

Violation Notes: Returned to compliance on 07/14/2016.

Violation Division: Riverside County Department of Env Health



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 09-29-2015  
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 07/14/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-31-2016  
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 10/31/2016. Brine sensor fail UDC 5/6  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-29-2018  
Citation: 23 CCR 16 2632(c)(2)(B), 2634(d)(1)(a), 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(B), 2634(d)(1)(a), 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 10/29/2018. OBSERVATION: Observed VR-208 sensor in Diesel STP sump fail to activate an audible and visual alarm when tested. CORRECTIVE ACTION: Owner/operator shall repair/replace inoperable VR-208 sensor in diesel STP sump and certify that sensor will activate an audible visual alarm when a leak is detected. Technician replaced sensor at time of inspection. This violation is corrected on site.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-29-2018  
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 10/29/2018. OBSERVATION: Observed liquid sensor (VR-208) in Diesel STP sump fail to stop flow of product at the

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

dispenser when tested. CORRECTIVE ACTION: Owner/operator shall replace the inoperable sensor (Vr-208) in Diesel STP sump and certify sensor functionality. Technician replaced sensor at time of inspection. This violation is corrected on site.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 09-29-2015  
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 07/14/2016.

Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 09-29-2015  
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 07/14/2016.

Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-21-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.

Violation Notes: Returned to compliance on 07/14/2016.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 09-29-2015  
Citation: HSC 6.7 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25286

Violation Description: Failure to obtain and maintain a valid Board of Equalization account number.

Violation Notes: Returned to compliance on 07/14/2016.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-31-2016  
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 12/07/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 10-21-2015  
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)  
Violation Description: Failure to submit a complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.  
Violation Notes: Returned to compliance on 07/14/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Violation Date: 09-29-2015  
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 07/14/2016.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 01-29-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Reinspection conducted 1/29/19. D/O logs show no indication of liquid being regularly pumped out of Diesel STP sump. Spoke with technician over phone, technician was on site earlier today, 1/29/19, and stated no liquid was pumped out of sump.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 07-14-2016  
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: HMRRP  
Eval Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Eval General Type: Other/Unknown  
Eval Date: 07-14-2016  
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: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 09-29-2015  
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: 09-29-2015  
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: 09-29-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-10-2013  
Violations Found: No  
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: 10-10-2013  
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: 10-10-2013  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Eval Type: Routine done by local agency  
Eval Notes: VPH- Chevron Corp onsite for Auditing  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-10-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Travel included  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 10-21-2015  
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: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-21-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: CMD  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-25-2017  
Violations Found: No  
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: 10-29-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-29-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-29-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Facility has had a history of brine alarms and brine being added during monthly D/O inspections. Investigate the cause of the alarms and make necessary repairs, plans may be required with this department. Alarms/brine additions in November 2017, December 2017, January 2018, August 2018.

Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-31-2016  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 10-31-2016  
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: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 12-07-2016  
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: UST  
Eval Source: CERS

Enforcement Action:  
Site ID: 74722  
Site Name: Sun City Fuels Co.  
Site Address: 26015 NEWPORT ROAD  
Site City: MENIFEE  
Site Zip: 92584-7301  
Enf Action Date: 09-29-2015  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Site Address: 26015 NEWPORT ROAD  
Site City: MENIFEE  
Site Zip: 92584-7301  
Enf Action Date: 09-29-2015  
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: UST  
Enf Action Source: CERS

Site ID: 74722  
Site Name: Sun City Fuels Co.  
Site Address: 26015 NEWPORT ROAD  
Site City: MENIFEE  
Site Zip: 92584-7301  
Enf Action Date: 10-21-2015  
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: UST  
Enf Action Source: CERS

Affiliation:

Affiliation Type Desc: Document Preparer  
Entity Name: Rick Martin  
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: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Sun City Fuels Co. (Chevron 355923) Newport Rd  
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: Not reported

Affiliation Type Desc: UST Property Owner Name  
Entity Name: Jack-in-the-Box  
Entity Title: Not reported  
Affiliation Address: 9330 Balboa Avenue  
Affiliation City: San Diego  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92123  
Affiliation Phone: (858) 571-2689

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Affiliation Type Desc: UST Tank Operator  
Entity Name: Sun City Fuels, Co.  
Entity Title: Not reported  
Affiliation Address: 26015 Newport Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-7301  
Affiliation Phone: (951) 246-4638

Affiliation Type Desc: Environmental Contact  
Entity Name: Brandon Leahy  
Entity Title: Not reported  
Affiliation Address: 26015 Newport Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584-7301  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Sun City Fuels Co.  
Entity Title: Not reported  
Affiliation Address: 26015 Newport Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-7301  
Affiliation Phone: (951) 301-6670

Affiliation Type Desc: Property Owner  
Entity Name: Jack-in-the-Box  
Entity Title: Not reported  
Affiliation Address: 9330 Balboa Avenue  
Affiliation City: San Diego  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92123  
Affiliation Phone: (858) 571-2689

Affiliation Type Desc: UST Tank Owner  
Entity Name: Sun City Fuels, Co.  
Entity Title: Not reported  
Affiliation Address: 26015 Newport Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92584-7301  
Affiliation Phone: (951) 246-4638

Affiliation Type Desc: Operator  
Entity Name: Sun City Fuels Co.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUN CITY FUELS CO. (Continued)**

**S113178860**

Affiliation Zip: Not reported  
Affiliation Phone: (951) 246-4638

Affiliation Type Desc: UST Permit Applicant  
Entity Name: Patrick J. Sullivan  
Entity Title: Managing Partner  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (858) 847-8670

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: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 26015 Newport Road  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584-7301  
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
Entity Name: Patrick J. Sullivan  
Entity Title: Managing Partner  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**E24**  
**WSW**  
**1/4-1/2**  
**0.413 mi.**  
**2182 ft.**

**TEXACO 355923**  
**26015 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 4 of 8 in cluster E**

**RCRA-LQG 1012176252**  
**CAR000201541**

**Relative:**  
**Higher**  
**Actual:**  
**1425 ft.**

RCRA-LQG:  
Date form received by agency: 07/14/2009  
Facility name: TEXACO 355923  
Facility address: 26015 NEWPORT RD  
MENIFEE, CA 92584  
EPA ID: CAR000201541  
Mailing address: PO BOX 6004  
SAN RAMON, CA 94583

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 355923 (Continued)**

**1012176252**

Contact: JOCKO RODRIGUEZ  
Contact address: PO BOX 6004  
SAN RAMON, CA 94583  
Contact country: US  
Contact telephone: 925-842-3733  
Contact email: NAWTDESK@CHEVRON.COM  
EPA Region: 09  
Classification: Large Quantity Generator  
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

**Owner/Operator Summary:**

Owner/operator name: CHEVRON USA INC  
Owner/operator address: PO BOX 6004  
SAN RAMON, CA 94583  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 08/21/2009  
Owner/Op end date: Not reported

Owner/operator name: CHEVRON USA INC  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 08/21/2009  
Owner/Op end date: Not reported

**Handler Activities Summary:**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TEXACO 355923 (Continued)**

**1012176252**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Hazardous Waste Summary:

. Waste code: D001  
. Waste name: IGNITABLE WASTE  
  
. Waste code: D018  
. Waste name: BENZENE  
  
Violation Status: No violations found

**F25**  
**ESE**  
**1/4-1/2**  
**0.427 mi.**  
**2256 ft.**

**ONE STOP LUBE**  
**26825 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 1 of 4 in cluster F**

**CERS HAZ WASTE**  
**CERS TANKS**  
**HAZNET**  
**CERS**

**S113102634**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1429 ft.**

CERS HAZ WASTE:  
Name: MENIFEE CAR WASH  
Address: 26825 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 134200  
CERS ID: 10320340  
CERS Description: Hazardous Waste Generator

CERS TANKS:  
Name: MENIFEE CAR WASH  
Address: 26825 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 134200  
CERS ID: 10320340  
CERS Description: Underground Storage Tank

Name: MENIFEE CAR WASH  
Address: 26825 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 134200  
CERS ID: 10320340  
CERS Description: Aboveground Petroleum Storage

HAZNET:  
Name: ONE STOP LUBE  
Address: 26825 NEWPORT RD  
City,State,Zip: MENIFEE, CA 925840000  
Year: 2002  
GEPaid: CAL000196877  
Contact: RON CHANG  
Telephone: 9096728511  
Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Mailing Address: 26825 NEWPORT RD  
Mailing City,St,Zip: MENIFEE, CA 925840000  
Gen County: Riverside  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Tons: 10.425  
CA Waste Code: 222-Oil/water separation sludge  
Method: R01-Recycler  
Facility County: Riverside

**CERS:**

Name: MENIFEE CAR WASH  
Address: 26825 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 134200  
CERS ID: 10320340  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 134200  
Site Name: Meniffee Car Wash  
Violation Date: 01-25-2017  
Citation: Un-Specified  
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance  
Violation Notes: Returned to compliance on 01/25/2017.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 134200  
Site Name: Meniffee Car Wash  
Violation Date: 02-27-2014  
Citation: HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple  
Violation Description: Haz Waste Generator Program - Administration/Documentation - General  
Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 134200  
Site Name: Meniffee Car Wash  
Violation Date: 01-28-2016  
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 wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.  
Violation Notes: Returned to compliance on 01/28/2016. 89 system  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Meniffee Car Wash

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Violation Date: 01-31-2018  
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 01/31/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)  
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator certification.  
Violation Notes: Returned to compliance on 08/29/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
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 03/05/2019. OBSERVATION: The float and chain assembly in the following areas failed to trip during the inspection:  
- Dispenser 15/16: 91 and Diesel failed - Dispenser 7/8: 91 failed - Dispenser 11/12: all floats and chains failed - Dispenser 3/4: all floats and chains failed - Dispenser 1/2: all floats and chains failed - Dispenser 17/18: all floats and chains failed - Dispenser 19/20: 91 and Diesel failed CORRECTIVE ACTION: Owner/operator shall replace the inoperable float & chain assembly and certify proper functionality.  
\*This is a chronic/repeat violation that has been documented on inspection reports multiple years in a row.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666  
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.  
Violation Notes: Returned to compliance on 01/28/2016. 91 system  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-25-2017  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
Violation Description: Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.  
Violation Notes:  
Violation Division: Riverside County Department of Env Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)  
Violation Description: Failure of pump shut down when a leak is detected or when line leak detector is disconnected.  
Violation Notes: Returned to compliance on 02/13/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
Citation: 23 CCR 16 2715(a)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(2)  
Violation Description: Failure to submit the ?Underground Storage Tank Statement of Understanding and Compliance Form.?  
Violation Notes: Returned to compliance on 01/31/2019. OBSERVATION: Observed that an "Underground Storage Tank Statement of Understanding and Compliance Form" was not submitted electronically in CERS. Because the facility's Designated Operator (DO) submitted a new Designated Operator form in CERS, a "Statement of Understanding" form must now also be submitted, since the newest version of the Designated Operator form does not contain a signature block for the owner/operator to sign. CORRECTIVE ACTION: Owner/operator shall electronically submit into CERS a complete, accurate and signed "Underground Storage Tank Statement of Understanding and Compliance Form". Once this form is completed, maintain it in each subsequent CERS submittal.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
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 wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.  
Violation Notes: Returned to compliance on 01/28/2016. Diesel system

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple

Violation Description: Business Plan Program - Training - General  
Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
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 01/31/2019. OBSERVATION: The Monitoring Plans for all tanks contain erroneous information and require updating. Specific guidance regarding the necessary revisions will be provided in CERS. CORRECTIVE ACTION: Owner/operator shall make corrections to the Monitoring Plans as directed in the comments provided in CERS.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
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 wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 02/13/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
Citation: HSC 6.7 252959(a)(1) - California Health and Safety Code, Chapter 6.7, Section(s) 252959(a)(1)

Violation Description: Failure to notify and/or prepare a report to the UPA upon discovery of a reportable or failed to record unauthorized release.

Violation Notes: Returned to compliance on 03/06/2019. OBSERVATION: The facility does not have a spill log where releases of fuel are being recorded. It was also observed during the inspection that a release of diesel fuel had occurred at Dispenser 15/16. Absorbent was applied to the spill but was not subsequently cleaned up and containerized as hazardous waste.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Because there is no spill log at the facility, this release/spill was not recorded. CORRECTIVE ACTION: Owner/operator shall ensure that the CUPA is notified after spills, overfills or other unauthorized releases have occurred upon the discovery of the release. Maintain a spill log on-site to record releases of fuel. The spill log must contain the date, cause of the spill, approximate amount spilled, name of the employee attending to the spill, and the response that was taken to address the spill/release. \*This violation was issued during last year's annual monitoring certification, making this a repeat/chronic violation.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)  
Violation Description: Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666  
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.

Violation Notes: Returned to compliance on 03/28/2016. Diesel system  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-25-2017  
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 01/31/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Violation Date: 05-15-2017  
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 05/29/2017.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)  
Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.  
Violation Notes: Returned to compliance on 01/28/2016. 91 system  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)  
Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.  
Violation Notes: Returned to compliance on 01/28/2016. Diesel system  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666  
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.  
Violation Notes: Returned to compliance on 01/28/2016. 87 System  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-25-2017  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

6.67, Section(s) 25270.4.5(a)  
Violation Description: Failure of a Tier I qualified facility to have a completed SPCC Plan.  
Violation Notes: Returned to compliance on 05/15/2017.  
Violation Division: Riverside County Department of Env Health  
Violation Program: APSA  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)  
Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate response plan.  
Violation Notes: Returned to compliance on 08/29/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: 19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5  
Violation Description: Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.  
Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666  
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.  
Violation Notes: Returned to compliance on 02/13/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
Citation: 23 CCR 16 2665(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665(b)  
Violation Description: "Failure to submit a copy of the overfill prevention equipment inspection results on the ?Overfill Prevention Equipment Inspection Report Form? to the UPA within 30 days after the inspection. "  
Violation Notes: Returned to compliance on 03/06/2019. OBSERVATION: An "Overfill Prevention Equipment Inspection Report Form"" was not submitted to this Department within 30 days after the completion of the test. The

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

inspection was performed on October 12, 2018 but the results have not yet been received. CORRECTIVE ACTION: Owner/operator shall immediately submit to this Department a complete and accurate copy of the Overfill Prevention Equipment Inspection Report Form for inspection completed on 10/12/2018.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
Citation: HSC 6.7 25284, 25286 - California Health and Safety Code, Chapter 6.7, Section(s) 25284, 25286

Violation Description: Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Violation Notes: Returned to compliance on 01/31/2019. OBSERVATION: The Tank Information forms that were submitted into CERS do not accurately reflect the type of UST system installed at this facility. Specific feedback/guidance on what corrections are required to these forms will be provided in the comments in CERS. CORRECTIVE ACTION: Owner/operator shall make the corrections to the Tank Information forms as directed in the comments provided in CERS.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)

Violation Description: Failure to maintain on site an approved monitoring plan.

Violation Notes: Returned to compliance on 08/29/2015.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
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 wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 06/06/2014.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Violation Description: Failure to submit, obtain approval, or maintain a complete/accurate plot plan.  
Violation Notes: Returned to compliance on 08/29/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31

Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.  
Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)

Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.  
Violation Notes: Returned to compliance on 08/29/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
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 wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected.  
Violation Notes: Returned to compliance on 01/28/2016. 91 system  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
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 wall pressurized piping in the under dispenser containment to be continuously monitored by a method that either shuts down the flow of product to the dispenser or activates an audible/visual alarm when a leak is detected.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Violation Notes: Returned to compliance on 01/28/2016. 87 System  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-13-2015  
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)  
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.

Violation Notes: Returned to compliance on 02/13/2015.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: 19 CCR 4 2729.2(a)(3) - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.2(a)(3)  
Violation Description: Failure to complete and/or submit an annotated site map if required by CUPA.

Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-29-2019  
Citation: 23 CCR 16 2716(a) through (e) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(a) through (e)  
Violation Description: For designated operator (DO) monthly inspections conducted before October 1, 2018, failure to comply with one or more of the following 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 trained in accordance with 23 CCR 2715(c). For designated operator (DO) 30 day inspections conducted on and after October 1, 2018, failure to conduct the designated UST operator visual inspection at least once every 30 days.

Violation Notes: Returned to compliance on 03/06/2019. OBSERVATION: The Designated Operator inspections are being improperly performed. Items that are listed as "N/A" are not being listed in Section III as required. Also, the December inspection was performed on 12/19/2018, and January's inspection was performed on 01/19/2019, which is greater than 30 days. CORRECTIVE ACTION: Owner/operator shall ensure that the Designated Operator is properly conducting inspections, noting observations, reviewing paperwork and alarm history reports, attaching required

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

documentation and any other DO required functions. Ensure that monthly DO inspections are being performed at least once every 30 days.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: 23 CCR 16 2636(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)

Violation Description: Failure to continuously monitor the interstitial space of the tank, piping and/or sumps sump such that the leak detection activates an audible/visual alarm when a leak is detected.

Violation Notes: Returned to compliance on 06/06/2014.

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
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 06/06/2014.

Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
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 wall pressurized piping in the turbine sump to be continuously monitored with a system that activates an audible and visual alarm or restricts or stops flow at dispenser when a leak is detected.

Violation Notes: Returned to compliance on 01/28/2016. Diesel system

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-28-2016  
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666

Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.

Violation Notes: Returned to compliance on 01/28/2016. 91 system

Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
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 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-25-2017  
Citation: 23 CCR 16 2632(c)(2)(B), 2634(d)(1)(a), 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(B), 2634(d)(1)(a), 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 01/25/2017.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 02-27-2014  
Citation: HSC 6.5 25189.5(a) - California Health and Safety Code, Chapter 6.5, Section(s) 25189.5(a)  
Violation Description: Failure to properly dispose of hazardous waste at an authorized location.  
Violation Notes: Returned to compliance on 06/06/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-31-2018  
Citation: HSC 6.7 25294 - California Health and Safety Code, Chapter 6.7, Section(s) 25294  
Violation Description: Failure to record any unauthorized release from the primary containment.  
Violation Notes: Returned to compliance on 03/06/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: UST  
Violation Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Violation Date: 01-25-2017  
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)  
Violation Description: Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.  
Violation Notes: Returned to compliance on 05/15/2017.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Violation Division: Riverside County Department of Env Health  
Violation Program: APSA  
Violation Source: CERS

Evaluation:  
Eval General Type: Other/Unknown  
Eval Date: 03-28-2014  
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: Other/Unknown  
Eval Date: 05-06-2014  
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: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-15-2017  
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: APSA  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 05-15-2017  
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: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 11-26-2013  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: SB-989 failed components discussion  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-25-2017  
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



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-25-2017
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:	01-25-2017
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:	01-25-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	APSA Inspection - Menifee Car Wash.
Eval Division:	Riverside County Department of Env Health
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-28-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	CMD
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2019
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual monitoring certification today. Emery Shen on-site to perform testing. Overfill prevention inspection is scheduled to be performed after today's monitoring certification. Notes: #6: This item is marked as "N/A" because the Monitoring Plans entered into CERS are not accepted; therefore, it is not possible to have an accepted copy on-site at the time of today's inspection. #21: Secondary Containment testing was performed 12/13/2016.
Eval Division:	Riverside County Department of Env Health
Eval Program:	UST
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Eval Notes: Annual monitoring cert plus travel time (a cold start had to be performed in the middle of the cert and all sensors retested)  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-13-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Repairs were made onsite for some issues related to Bravo Floats and LLD's  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-27-2014  
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: Compliance Evaluation Inspection  
Eval Date: 02-27-2014  
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

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-27-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 03-06-2018  
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: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 03-06-2019  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: Re-inspection following inspection on 01/30/2019. All violations were

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

observed to be corrected at the time of re-inspection.  
Eval Division: Riverside County Department of Env Health  
Eval Program: UST  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 03-28-2014  
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: HMRRP  
Eval Source: CERS

Enforcement Action:  
Site ID: 134200  
Site Name: Menifee Car Wash  
Site Address: 26825 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 01-28-2016  
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: UST  
Enf Action Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Site Address: 26825 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 02-13-2015  
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: UST  
Enf Action Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Site Address: 26825 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 02-14-2019  
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: UST  
Enf Action Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Site Address: 26825 NEWPORT RD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 02-27-2014  
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: HMRRP  
Enf Action Source: CERS

Site ID: 134200  
Site Name: Menifee Car Wash  
Site Address: 26825 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 02-27-2014  
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

Site ID: 134200  
Site Name: Menifee Car Wash  
Site Address: 26825 NEWPORT RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 02-27-2014  
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: UST  
Enf Action Source: CERS

Coordinates:  
Site ID: 134200  
Facility Name: Menifee Car Wash  
Env Int Type Code: HWG  
Program ID: 10320340  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.684480  
Longitude: -117.192330

Affiliation:  
Affiliation Type Desc: Document Preparer  
Entity Name: Greg Meier  
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: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Affiliation Type Desc: Environmental Contact  
Entity Name: Greg Meier  
Entity Title: Not reported  
Affiliation Address: 26825 Newport Rd  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584  
Affiliation Phone: Not reported

Affiliation Type Desc: UST Permit Applicant  
Entity Name: GREG MEIER  
Entity Title: GENERAL MANAGER  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (951) 672-8511

Affiliation Type Desc: UST Tank Operator  
Entity Name: Menifee Car Wash, LP  
Entity Title: Not reported  
Affiliation Address: 914 Foothill Blvd  
Affiliation City: La Verne  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91750  
Affiliation Phone: (951) 672-8511

Affiliation Type Desc: UST Tank Owner  
Entity Name: Menifee Car Wash, LP  
Entity Title: Not reported  
Affiliation Address: 914 Foothill Blvd.  
Affiliation City: La Verne  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91750  
Affiliation Phone: (951) 672-8511

Affiliation Type Desc: Identification Signer  
Entity Name: Greg Meier  
Entity Title: General Manager  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Menifee Car Wash, LP  
Entity Title: Not reported  
Affiliation Address: 914 Foothill Blvd  
Affiliation City: La Verne  
Affiliation State: CA  
Affiliation Country: United States

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Affiliation Zip: 91750  
Affiliation Phone: (415) 453-2333

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: Property Owner  
Entity Name: Menifee Car Wash LP  
Entity Title: Not reported  
Affiliation Address: 914 Foothill Blvd  
Affiliation City: La Verne  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91750  
Affiliation Phone: (415) 453-2333

Affiliation Type Desc: UST Property Owner Name  
Entity Name: Menifee Car Wash, LP  
Entity Title: Not reported  
Affiliation Address: 914 Foothill Blvd  
Affiliation City: La Verne  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91750  
Affiliation Phone: (951) 672-8511

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 914 Foothill Blvd  
Affiliation City: La Verne  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 91750  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Menifee Car Wash, LP  
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) 672-5811

Affiliation Type Desc: Parent Corporation  
Entity Name: Menifee Car Wash  
Entity Title: Not reported  
Affiliation Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ONE STOP LUBE (Continued)**

**S113102634**

Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

**F26**  
**ESE**  
**1/4-1/2**  
**0.427 mi.**  
**2256 ft.**

**MENIFEE CAR WASH/ONE STOP LUBE & OIL**  
**26825 NEWPORT RD**  
**MENIFEE, CA 92584**

**RCRA NonGen / NLR**

**1024810961**  
**CAL000292467**

**Site 2 of 4 in cluster F**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**1429 ft.**

Date form received by agency: 03/24/2005  
Facility name: MENIFEE CAR WASH/ONE STOP LUBE & OIL  
Facility address: 26825 NEWPORT RD  
MENIFEE, CA 92584-0000  
EPA ID: CAL000292467  
Mailing address: 914 FOOTHILL BLVD  
LA VERNE, CA 91750-0000  
Contact: GREG MEIER  
Contact address: 914 FOOTHILL BLVD  
LA VERNE, CA 91750  
Contact country: Not reported  
Contact telephone: 951-672-8511  
Contact email: GREGMEIER@MENIFEECW.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: MENIFEE CAR WASH, LP  
Owner/operator address: 26825 NEWPORT RD  
MENIFEE, CA 92584  
Owner/operator country: Not reported  
Owner/operator telephone: 951-672-8511  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: GREG MEIER  
Owner/operator address: 914 FOOTHILL BLVD  
LA VERNE, CA 91750

Owner/operator country: Not reported  
Owner/operator telephone: 951-672-8511  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENIFEE CAR WASH/ONE STOP LUBE & OIL (Continued)**

**1024810961**

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**F27**  
**ESE**  
**1/4-1/2**  
**0.427 mi.**  
**2256 ft.**

**MENIFEE CAR WASH**  
**26825 NEWPORT RD**  
**MENIFEE, CA 92584**  
**Site 3 of 4 in cluster F**

**AST A100422317**  
**N/A**

**Relative:**  
**Higher**

**Actual:**  
**1429 ft.**

AST:  
Name: MENIFEE CAR WASH  
Address: 26825 NEWPORT RD  
City/Zip: MENIFEE,92584  
Certified Unified Program Agencies: Not reported  
Owner: Menifee Car Wash, LP  
Total Gallons: Not reported  
CERSID: 10320340  
Facility ID: Not reported  
Business Name: Menifee Car Wash  
Phone: (951) 672-8511  
Fax: Not reported  
Mailing Address: 914 Foothill Blvd  
Mailing Address City: La Verne  
Mailing Address State: CA  
Mailing Address Zip Code: 91750  
Operator Name: Menifee Car Wash, LP  
Operator Phone: 951-672-5811  
Owner Phone: (415) 453-2333  
Owner Mail Address: 914 Foothill Blvd  
Owner State: CA  
Owner Zip Code: 91750  
Owner Country: United States  
Property Owner Name: Menifee Car Wash LP  
Property Owner Phone: (415) 453-2333  
Property Owner Mailing Address: 914 Foothill Blvd  
Property Owner City: La Verne  
Property Owner Stat : CA  
Property Owner Zip Code: 91750  
Property Owner Country: United States  
EPAID: CAL000292467



MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**F28**      **MENIFEE CAR WASH**  
**ESE**      **26825 NEWPORT RD**  
**1/4-1/2**    **MENIFEE, CA 92584**  
**0.427 mi.**  
**2256 ft.**    **Site 4 of 4 in cluster F**

**UST**      **U003802821**  
            **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1429 ft.**

UST:  
Name:                    MENIFEE CAR WASH  
Address:                26825 NEWPORT RD  
City,State,Zip:        MENIFEE, CA 92584  
Facility ID:            FA0020018  
Permitting Agency:    Riverside County Department of Environmental Health  
Latitude:                33.68448  
Longitude:              -117.19233

Name:                    MENIFEE MARKET PLACE  
Address:                26825 NEWPORT RD  
City,State,Zip:        MENIFEE, CA 92584  
Facility ID:            481  
Permitting Agency:    RIVERSIDE COUNTY  
Latitude:                33.6857718  
Longitude:              -117.1909561

RIVERSIDE CO. UST:  
Name:                    MENIFEE CAR WASH  
Address:                26825 NEWPORT RD  
City,State,Zip:        MENIFEE, CA 92584  
Region:                 RIVERSIDE  
Total Tanks:            4

**E29**      **ARCO AM/PM MINIMART 5966**  
**WSW**      **26025 NEWPORT RD**  
**1/4-1/2**    **MENIFEE, CA 92584**  
**0.434 mi.**  
**2290 ft.**    **Site 5 of 8 in cluster E**

**UST**      **U003772894**  
            **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1430 ft.**

UST:  
Name:                    ARCO AM/PM MINIMART 5966  
Address:                26025 NEWPORT RD  
City,State,Zip:        MENIFEE, CA 92584  
Facility ID:            96  
Permitting Agency:    RIVERSIDE COUNTY  
Latitude:                33.685202  
Longitude:              -117.2042636

**G30**      **STATER BROS MARKETS #111**  
**West**      **25904 NEWPORT RD**  
**1/4-1/2**    **MENIFEE, CA 92584**  
**0.450 mi.**  
**2377 ft.**    **Site 1 of 4 in cluster G**

**RCRA NonGen / NLR**      **1024820668**  
   **CAL000334529**

**Relative:**  
**Lower**  
**Actual:**  
**1421 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 07/15/2008  
Facility name:            STATER BROS MARKETS #111  
Facility address:        25904 NEWPORT RD  
   MENIFEE, CA 92584  
EPA ID:                    CAL000334529  
Mailing address:        PO BOX 150

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STATER BROS MARKETS #111 (Continued)**

**1024820668**

Contact: SAN BERNARDINO, CA 92402-0000  
Contact address: CHERYL SKALICKY  
301 S. TIPPECANOE AVE.  
SAN BERNARDINO, CA 92408  
Contact country: Not reported  
Contact telephone: 909-733-5288  
Contact email: CHERYL.SKALICKY@STATERBROS.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: STATER BROS MARKETS  
Owner/operator address: 301 S TIPPECANOE AVE  
SAN BERNARDINO, CA 92408  
Owner/operator country: Not reported  
Owner/operator telephone: 909-733-5000  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CHERYL SKALICKY  
Owner/operator address: 301 S. TIPPECANOE AVE.  
SAN BERNARDINO, CA 92408  
Owner/operator country: Not reported  
Owner/operator telephone: 909-733-5288  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G31**      **WASTE MANAGEMENT INC**  
**West**      **25904 NEWPORT AVE**  
**1/4-1/2**      **MENIFEE, CA 92584**  
**0.450 mi.**  
**2377 ft.**      **Site 2 of 4 in cluster G**

**SWRCY**      **S112933083**  
**CERS HAZ WASTE**      **N/A**  
**HAZNET**  
**CERS**

**Relative:**  
**Lower**  
**Actual:**  
**1421 ft.**

**SWRCY:**  
Name: REPLANET LLC  
Address: 25904 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Reg Id: 177831  
Cert Id: RC177831.001  
Mailing Address: 800 N Haven Ave Suite 120  
Mailing City: Ontario  
Mailing State: CA  
Mailing Zip Code: 91764  
Website: <http://www.replanet.com>  
Email: Not reported  
Phone Number: (877) 737-5263  
Rural: N  
Operation Begin Date: 01/29/2013  
Aluminium: Y  
Glass: Y  
Plastic: Y  
Bimetal: Y  
Hours of Operation: Mon - Sun 9:00 am - 4:30 pm, Closed 12:30 pm - 1:30 pm  
Organization ID: 151891  
Organization Name: rePlanet LLC

**CERS HAZ WASTE:**  
Name: STATER BROS. MARKETS 111  
Address: 25904 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 71291  
CERS ID: 10325284  
CERS Description: Hazardous Waste Generator

**HAZNET:**  
Name: WASTE MANAGEMENT INC  
Address: 25904 NEWPORT AVE  
City,State,Zip: MENIFEE, CA 92584  
Year: 2003  
GEPaid: CAC002570571  
Contact: GRANT TUTTLE  
Telephone: 6268561204  
Mailing Name: Not reported  
Mailing Address: 13940 E LIVE OAK AVE  
Mailing City,St,Zip: BALDWIN PARK, CA 91706  
Gen County: Riverside  
TSD EPA ID: CAD982444481  
TSD County: San Bernardino  
Tons: 0.5  
CA Waste Code: 352-Other organic solids  
Method: H01-Transfer Station  
Facility County: Riverside

Name: WASTE MANAGEMENT INC  
Address: 25904 NEWPORT AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WASTE MANAGEMENT INC (Continued)**

**S112933083**

City,State,Zip: MENIFEE, CA 92584  
Year: 2003  
GEPaid: CAC002570571  
Contact: GRANT TUTTLE  
Telephone: 6268561204  
Mailing Name: Not reported  
Mailing Address: 13940 E LIVE OAK AVE  
Mailing City,St,Zip: BALDWIN PARK, CA 91706  
Gen County: Riverside  
TSD EPA ID: CAD028409019  
TSD County: Los Angeles  
Tons: 3.8  
CA Waste Code: 221-Waste oil and mixed oil  
Method: T01-Treatment, Tank  
Facility County: Riverside

**CERS:**

Name: STATER BROS. MARKETS 111  
Address: 25904 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 71291  
CERS ID: 10325284  
CERS Description: Chemical Storage Facilities

**Violations:**

Site ID: 71291  
Site Name: Stater Bros. Markets 111  
Violation Date: 05-30-2019  
Citation: Un-Specified  
Violation Description: Business Plan Program - Operations/Maintenance - General Local Ordinance  
Violation Notes: OBSERVATION: The NFPA 704 sign posted on one of the two facility entrances does not contain the correct ratings for R-22, and there is no NFPA 704 sign posted on the other facility entrance. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and replace the incorrect NFPA-704 sign, as well as post a sign on the other facility entrance. \*You can correct this violation by sending pictures of the revised, posted signs to kgill@rivco.org  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 71291  
Site Name: Stater Bros. Markets 111  
Violation Date: 05-30-2019  
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: OBSERVATION: The facility does not have a training program in place to train employees on the hazards of R-22 contained in onsite coolers. CORRECTIVE ACTION: Owner/operator shall implement a training program specific to R-22 and 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. Obtain

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WASTE MANAGEMENT INC (Continued)**

**S112933083**

Violation Division: the Safety Data Sheet (SDS) from the supplier of your refrigerant and  
Violation Program: establish a training program based on the information contained in the  
Violation Source: SDS. Ensure that all topics covered on the form provided during  
today's inspection are covered on an annual basis at minimum.  
Riverside County Department of Env Health  
HMRRP  
CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-30-2019  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Facility is a grocery store, which generates non-salable consumer  
commodities as hazardous waste streams. The only hazardous waste  
observed to be accumulated at the time of inspection consisted of some  
expired OTC medications in the toxics container, with an accumulation  
start date of March of 2017. Note: The facility has not had a waste  
pick-up in the previous 3 year period and therefore no manifests were  
available for review. For this reason, items related to waste  
manifests, use of a licensed waste hauler, and disposal at an  
authorized facility are unable to be verified at the time of  
inspection and are indicated as "N/A" on this report.  
Riverside County Department of Env Health  
HW  
CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-30-2019  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Facility is a grocery store. Hazardous materials stored onsite consist  
exclusively of refrigerants contained within the coolers. Note: Item  
#14 is listed as "N/A" because the facility has not had a reportable  
release.  
Riverside County Department of Env Health  
HMRRP  
CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-20-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Riverside County Department of Env Health  
HMRRP  
CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-20-2015  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Riverside County Department of Env Health  
HW  
CERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WASTE MANAGEMENT INC (Continued)**

**S112933083**

Coordinates:

Site ID: 71291  
Facility Name: Stater Bros. Markets 111  
Env Int Type Code: HWG  
Program ID: 10325284  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.686170  
Longitude: -117.206720

Affiliation:

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 25904 Newport Rd  
Affiliation City: Menifee  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92584  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Stater Bros. Markets  
Entity Title: Not reported  
Affiliation Address: P O BOX 150  
Affiliation City: San Bernardino  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92402  
Affiliation Phone: (909) 733-5000

Affiliation Type Desc: Document Preparer  
Entity Name: Chris Ramirez  
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: Not reported

Affiliation Type Desc: Parent Corporation  
Entity Name: Stater Bros. Markets  
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: Not reported

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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**WASTE MANAGEMENT INC (Continued)**

**S112933083**

Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 92503  
 Affiliation Phone: (951) 358-5055

Affiliation Type Desc: Environmental Contact  
 Entity Name: Chris Ramirez  
 Entity Title: Not reported  
 Affiliation Address: P O BOX 150  
 Affiliation City: San Bernardino  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 92402  
 Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer  
 Entity Name: Chris Ramirez  
 Entity Title: Supervisor of Support Services  
 Affiliation Address: Not reported  
 Affiliation City: Not reported  
 Affiliation State: Not reported  
 Affiliation Country: Not reported  
 Affiliation Zip: Not reported  
 Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
 Entity Name: Stater Bros. Markets 111  
 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) 672-6780

Affiliation Type Desc: Property Owner  
 Entity Name: Stater Bros. Markets  
 Entity Title: Not reported  
 Affiliation Address: P O BOX 150  
 Affiliation City: San Bernardino  
 Affiliation State: CA  
 Affiliation Country: United States  
 Affiliation Zip: 92402  
 Affiliation Phone: (909) 733-5000

**E32**  
**WSW**  
**1/4-1/2**  
**0.457 mi.**  
**2414 ft.**

**WALGREENS #6127**  
**30251 MURRIETA RD**  
**MENIFEE, CA 92584**  
**Site 6 of 8 in cluster E**

**CERS HAZ WASTE** **S113149190**  
**CERS** **N/A**

**Relative:**  
**Higher**

CERS HAZ WASTE:  
 Name: WALGREENS #6127  
 Address: 30251 MURRIETA RD  
 City,State,Zip: MENIFEE, CA 92584  
 Site ID: 170024  
 CERS ID: 10321969

**Actual:**  
**1428 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**S113149190**

CERS Description: Hazardous Waste Generator

CERS:  
Name: WALGREENS #6127  
Address: 30251 MURRIETA RD  
City,State,Zip: MENIFEE, CA 92584  
Site ID: 170024  
CERS ID: 10321969  
CERS Description: Chemical Storage Facilities

Violations:  
Site ID: 170024  
Site Name: Walgreens #6127  
Violation Date: 08-20-2014  
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 09/17/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Site ID: 170024  
Site Name: Walgreens #6127  
Violation Date: 03-02-2018  
Citation: 40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33  
Violation Description: Failure to test and maintain as necessary all facility communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment to assure its proper operation in time of emergency.  
Violation Notes: Returned to compliance on 03/13/2018.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HW  
Violation Source: CERS

Site ID: 170024  
Site Name: Walgreens #6127  
Violation Date: 08-20-2014  
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 09/17/2014.  
Violation Division: Riverside County Department of Env Health  
Violation Program: HMRRP  
Violation Source: CERS

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**S113149190**

Eval Program: HMRRP  
Eval Source: CERS  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-20-2014  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Return travel to office for Staff meeting  
Eval Division: Riverside County Department of Env Health  
Eval Program: HW  
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 08-20-2014  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: travel included  
Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Eval General Type: Other/Unknown  
Eval Date: 09-17-2014  
Violations Found: No  
Eval Type: Other, not routine, done by local agency  
Eval Notes: RTC w/ return travel  
Eval Division: Riverside County Department of Env Health  
Eval Program: HMRRP  
Eval Source: CERS

Enforcement Action:  
Site ID: 170024  
Site Name: Walgreens #6127  
Site Address: 30251 MURRIETA RD  
Site City: MENIFEE  
Site Zip: 92584  
Enf Action Date: 08-20-2014  
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: HMRRP  
Enf Action Source: CERS

Coordinates:  
Site ID: 170024  
Facility Name: Walgreens #6127

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**S113149190**

Env Int Type Code: HWG  
Program ID: 10321969  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.  
Latitude: 33.684430  
Longitude: -117.206600

Affiliation:

Affiliation Type Desc: Identification Signer  
Entity Name: Erin Baltazar, on behalf of Walgreen Co.  
Entity Title: Regulatory Compliance Specialist, Verisk 3E  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner  
Entity Name: Walgreen Co.  
Entity Title: Not reported  
Affiliation Address: 200 Wilmot Road  
Affiliation City: Deerfield  
Affiliation State: IL  
Affiliation Country: United States  
Affiliation Zip: 60015-4681  
Affiliation Phone: (847) 914-2264

Affiliation Type Desc: Parent Corporation  
Entity Name: Walgreens  
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: Not reported

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: Erin Baltazar, on behalf of Walgreen Co.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**S113149190**

Affiliation Type Desc: Environmental Contact  
Entity Name: Verisk 3E, Regulatory Department/Walgreen Co.  
Entity Title: Not reported  
Affiliation Address: 3207 Grey Hawk Court, Suite 200  
Affiliation City: Carlsbad  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92010  
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: Verisk 3E, Regulatory Dept/Walgreen Co., 3207 Grey Hawk Ct, Ste 200  
Affiliation City: Carlsbad  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92010  
Affiliation Phone: Not reported

Affiliation Type Desc: Operator  
Entity Name: Walgreen Co.  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: (847) 914-2264

**E33**  
**WSW**  
**1/4-1/2**  
**0.457 mi.**  
**2414 ft.**

**WALGREENS #6127**  
**30251 MURRIETA RD**  
**MENIFEE, CA 92584**  
**Site 7 of 8 in cluster E**

**RCRA-CESQG 1017785816**  
**CAR000253054**

**Relative:**  
**Higher**  
**Actual:**  
**1428 ft.**

**RCRA-CESQG:**  
Date form received by agency: 04/07/2016  
Facility name: WALGREENS #6127  
Facility address: 30251 MURRIETA RD  
MENIFEE, CA 92584  
EPA ID: CAR000253054  
Mailing address: GREYHAWK CT  
SUITE 200  
CARLSBAD, CA 92010  
Contact: KARINA ROMERO  
Contact address: GREYHAWK CT SUITE 200  
CARLSBAD, CA 92010  
Contact country: US  
Contact telephone: 760-602-8700  
Contact email: REGULATORY@3ECOMPANY.COM  
EPA Region: 09  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1017785816**

waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: 30251 MURRIETA DRIVE LLC  
Owner/operator address: 509 CORBETT AVE  
SAN FRANCISCO, CA 94114  
Owner/operator country: US  
Owner/operator telephone: 415-296-2170  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/13/2003  
Owner/Op end date: Not reported

Owner/operator name: 30251 MURRIETA DRIVE LLC  
Owner/operator address: CORBETT AVE  
SAN FRANCISCO, CA 94114  
Owner/operator country: US  
Owner/operator telephone: 415-296-2170  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/13/2003  
Owner/Op end date: Not reported

Owner/operator name: WALGREEN CO.  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 02/07/2003  
Owner/Op end date: Not reported

Owner/operator name: WALGREEN CO  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: US  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1017785816**

Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 01/13/2003  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/20/2015  
Site name: WALGREEN NO 6127  
Classification: Large Quantity Generator

Hazardous Waste Summary:

. Waste code: 122  
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 131  
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 134  
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135  
. Waste name: Unspecified aqueous solution

. Waste code: 141  
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 181  
. Waste name: Other inorganic solid waste

. Waste code: 214  
. Waste name: Unspecified solvent mixture

. Waste code: 221  
. Waste name: Waste oil and mixed oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1017785816**

- . Waste code: 232
- . Waste name: Pesticides and other waste associated with pesticide production
  
- . Waste code: 311
- . Waste name: Pharmaceutical waste
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D010
- . Waste name: SELENIUM
  
- . Waste code: D024
- . Waste name: M-CRESOL
  
- . Waste code: D026
- . Waste name: CRESOL
  
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
  
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-(S)-, & SALTS
  
- . Waste code: P105
- . Waste name: SODIUM AZIDE
  
- . Waste code: U034
- . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
  
- . Waste code: U044
- . Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1017785816**

- . Waste code: U122
- . Waste name: FORMALDEHYDE
  
- . Waste code: U165
- . Waste name: NAPHTHALENE
  
- . Waste code: U188
- . Waste name: PHENOL
  
- . Waste code: U201
- . Waste name: 1,3-BENZENEDIOL (OR) RESORCINOL

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001  
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 176

Waste code: D002  
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 31

Waste code: D007  
Waste name: CHROMIUM  
Amount (Lbs): 27

Waste code: D009  
Waste name: MERCURY  
Amount (Lbs): 1

Waste code: D010  
Waste name: SELENIUM  
Amount (Lbs): 27

Waste code: D024  
Waste name: M-CRESOL  
Amount (Lbs): 15

Waste code: P001  
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%  
Amount (Lbs): 10

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1017785816**

Waste code: P075  
Waste name: NICOTINE, & SALTS  
Amount (Lbs): 20

Violation Status: No violations found

**E34**  
**WSW**  
**1/4-1/2**  
**0.457 mi.**  
**2414 ft.**

**WALGREENS #6127**  
**30251 MURRIETA RD**  
**MENIFEE, CA 92584**

**RCRA-CESQG** **1016954321**  
**CAL000323504**

**Site 8 of 8 in cluster E**

**Relative:**  
**Higher**

RCRA-CESQG:

**Actual:**  
**1428 ft.**

Date form received by agency: 04/18/2016  
Facility name: WALGREENS #6127  
Facility address: 30251 MURRIETA RD  
MENIFEE, CA 92584  
EPA ID: CAL000323504  
Mailing address: GREYHAWK CT  
SUITE 200  
CARLSBAD, CA 92010  
Contact: KARINA ROMERO  
Contact address: GREYHAWK CT SUITE 200  
CARLSBAD, CA 92010  
Contact country: US  
Contact telephone: 760-602-8700  
Contact email: REGULATORY@3ECOMPANY.COM  
EPA Region: 09  
Classification: Conditionally Exempt Small Quantity Generator  
Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates at any time: 1 kg or less of acutely hazardous waste; or 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste

Owner/Operator Summary:

Owner/operator name: 30251 MURRIETA DRIVE LLC  
Owner/operator address: CORBETT AVE  
SAN FRANCISCO, CA 94114  
Owner/operator country: US  
Owner/operator telephone: 415-296-2170  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 01/13/2003  
Owner/Op end date: Not reported



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1016954321**

Owner/operator name: WALGREEN CO.  
Owner/operator address: Not reported  
Not reported  
Owner/operator country: Not reported  
Owner/operator telephone: Not reported  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: 02/07/2003  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/01/2014  
Site name: WALGREENS #6127  
Classification: Conditionally Exempt Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 214  
. Waste name: Unspecified solvent mixture  
  
. Waste code: 311  
. Waste name: Pharmaceutical waste  
  
. Waste code: D001  
. Waste name: IGNITABLE WASTE  
  
. Waste code: D002  
. Waste name: CORROSIVE WASTE  
  
. Waste code: D007  
. Waste name: CHROMIUM  
  
. Waste code: D009  
. Waste name: MERCURY  
  
. Waste code: D010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WALGREENS #6127 (Continued)**

**1016954321**

- . Waste name: SELENIUM
- . Waste code: D024
- . Waste name: M-CRESOL
- . Waste code: P001
- . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
- . Waste code: P075
- . Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
- . Waste code: U034
- . Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
- . Waste code: U165
- . Waste name: NAPHTHALENE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

- Waste code: D001
- Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 46

- Waste code: D007
- Waste name: CHROMIUM
- Amount (Lbs): 3

- Waste code: D010
- Waste name: SELENIUM
- Amount (Lbs): 3

- Waste code: D024
- Waste name: M-CRESOL
- Amount (Lbs): 1

- Waste code: P001
- Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
- Amount (Lbs): 3

- Waste code: P075
- Waste name: NICOTINE, & SALTS
- Amount (Lbs): 1

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G35**  
**West**  
**1/4-1/2**  
**0.499 mi.**  
**2633 ft.**

**NEW LOOK CLEANERS**  
**25908 NEWPORT RD**  
**MENIFEE, CA 92584**

**DRYCLEANERS** **S113092954**  
**HAZNET** **N/A**

**Site 3 of 4 in cluster G**

**Relative:**  
**Lower**

DRYCLEAN SOUTH COAST:

**Actual:**  
**1421 ft.**

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 88660  
Application Number: 257131  
Permit Number: D44186  
Status: S  
Representative Name: C. K. LEE  
Representative Telephone: 714 6729530  
Permit Status: INACTIVE  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 52  
CCAT Description: REFRIGERATED CONDENSER  
UTM East: 480.52999878  
UTM North: 3726.4899902

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 123801  
Application Number: 371147  
Permit Number: F34331  
Status: S  
Representative Name: TERRY CHOI  
Representative Telephone: 951 6727767  
Permit Status: INACTIVE  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 52  
CCAT Description: REFRIGERATED CONDENSER  
UTM East: 480.77099609  
UTM North: 3727.0529785

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 139836  
Application Number: 454394  
Permit Number: F81236  
Status: A  
Representative Name: JONG-KKEUN PARK  
Representative Telephone: 213 5906126  
Permit Status: INACT\_NR  
BCAT Number: 000233  
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT  
CCAT Number: Not reported  
CCAT Description: Not reported  
UTM East: 480.77099609  
UTM North: 3727.0529785

Name: NEW LOOK CLEANERS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW LOOK CLEANERS (Continued)**

**S113092954**

Address: 25908 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 139836  
Application Number: 569975  
Permit Number: G34009  
Status: A  
Representative Name: JONG-KKEUN PARK  
Representative Telephone: 213 5906126  
Permit Status: ACTIVE  
BCAT Number: 000233  
BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT  
CCAT Number: Not reported  
CCAT Description: Not reported  
UTM East: 480.77099609  
UTM North: 3727.0529785

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 139836  
Application Number: 426772  
Permit Number: F67850  
Status: A  
Representative Name: JONG-KKEUN PARK  
Representative Telephone: 213 5906126  
Permit Status: INACTIVE  
BCAT Number: 000601  
BCAT Description: DRY CLEANING, DRY-TO-DRY NON-VENT, PERC  
CCAT Number: Not reported  
CCAT Description: Not reported  
UTM East: 480.77099609  
UTM North: 3727.0529785

**HAZNET:**

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD STE H  
City,State,Zip: MENIFEE, CA 925840000  
Year: 2006  
GEPaid: CAL000176193  
Contact: CHAN LEE/OWNER  
Telephone: 9096727767  
Mailing Name: Not reported  
Mailing Address: 25908 NEWPORT RD STE H  
Mailing City,St,Zip: MENIFEE, CA 925849133  
Gen County: Riverside  
TSD EPA ID: NVR000076158  
TSD County: 99  
Tons: 0.1251  
CA Waste Code: 211-Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)  
Method: R01-Recycler  
Facility County: Riverside

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD STE H  
City,State,Zip: MENIFEE, CA 925840000  
Year: 2006  
GEPaid: CAL000176193

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW LOOK CLEANERS (Continued)**

**S113092954**

Contact: CHAN LEE/OWNER  
Telephone: 9096727767  
Mailing Name: Not reported  
Mailing Address: 25908 NEWPORT RD STE H  
Mailing City,St,Zip: MENIFEE, CA 925849133  
Gen County: Riverside  
TSD EPA ID: NVR000076158  
TSD County: 99  
Tons: Not reported  
CA Waste Code: -  
Method: R01-Recycler  
Facility County: Riverside

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD STE H  
City,State,Zip: MENIFEE, CA 925840000  
Year: 2005  
GEPaid: CAL000176193  
Contact: CHAN LEE/OWNER  
Telephone: 9096727767  
Mailing Name: Not reported  
Mailing Address: 25908 NEWPORT RD STE H  
Mailing City,St,Zip: MENIFEE, CA 925849133  
Gen County: Riverside  
TSD EPA ID: NVR000076158  
TSD County: 99  
Tons: Not reported  
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent  
Method: -  
Facility County: Riverside

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD STE H  
City,State,Zip: MENIFEE, CA 925840000  
Year: 2005  
GEPaid: CAL000176193  
Contact: CHAN LEE/OWNER  
Telephone: 9096727767  
Mailing Name: Not reported  
Mailing Address: 25908 NEWPORT RD STE H  
Mailing City,St,Zip: MENIFEE, CA 925849133  
Gen County: Riverside  
TSD EPA ID: NVR000076158  
TSD County: 99  
Tons: Not reported  
CA Waste Code: -  
Method: R01-Recycler  
Facility County: Riverside

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD STE H  
City,State,Zip: MENIFEE, CA 925840000  
Year: 2005  
GEPaid: CAL000176193  
Contact: CHAN LEE/OWNER  
Telephone: 9096727767  
Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEW LOOK CLEANERS (Continued)**

**S113092954**

Mailing Address: 25908 NEWPORT RD STE H  
Mailing City,St,Zip: MENIFEE, CA 925849133  
Gen County: Riverside  
TSD EPA ID: NVR000076158  
TSD County: 99  
Tons: 0.1851  
CA Waste Code: 211-Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)  
Method: R01-Recycler  
Facility County: Riverside

[Click this hyperlink](#) while viewing on your computer to access  
10 additional CA\_HAZNET: record(s) in the EDR Site Report.

**G36**  
**West**  
**1/4-1/2**  
**0.499 mi.**  
**2633 ft.**

**PARK'S INC /DBA NEWLOOK CLEANERS**  
**25908 NEWPORT RD UNIT H**  
**MENIFEE, CA 92584**

**DRYCLEANERS** **S107146480**  
**N/A**

**Site 4 of 4 in cluster G**

**Relative:**  
**Lower**

**DRYCLEANERS:**

**Actual:**  
**1421 ft.**

Name: PARK'S INC /DBA NEWLOOK CLEANERS  
Address: 25908 NEWPORT RD UNIT H  
City,State,Zip: MENIFEE, CA 92584  
EPA Id: CAL000288833  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 12/09/2004  
Facility Active: No  
Inactive Date: 06/30/2005  
Facility Addr2: Not reported  
Owner Name: PARK'S INC  
Owner Address: 25908 NEWPORT RD UNIT H  
Owner Address 2: Not reported  
Owner Telephone: 9096727767  
Contact Name: JONG KENN PARK  
Contact Address: 25908 NEWPORT RD UNIT H  
Contact Address 2: Not reported  
Contact Telephone: 9096727767  
Mailing Name: Not reported  
Mailing Address 1: 25908 NEWPORT RD UNIT H  
Mailing Address 2: Not reported  
Mailing City: MENIFEE  
Mailing State: CA  
Mailing Zip: 92584  
Owner Fax: Not reported  
Region Code: 4

Name: NEW LOOK CLEANERS  
Address: 25908 NEWPORT RD STE H  
City,State,Zip: MENIFEE, CA 92584  
EPA Id: CAL000310851  
NAICS Code: 81232  
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)  
SIC Code: 7211  
SIC Description: Power Laundries, Family and Commercial  
Create Date: 08/23/2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PARK'S INC /DBA NEWLOOK CLEANERS (Continued)**

**S107146480**

Facility Active: No  
Inactive Date: 06/30/2017  
Facility Addr2: Not reported  
Owner Name: PARK'S, INC.  
Owner Address: 30684 ADOVE RIDGE CT  
Owner Address 2: Not reported  
Owner Telephone: 9515291184  
Contact Name: JOHN K PARK  
Contact Address: 25908 NEWPORT RD STE H  
Contact Address 2: Not reported  
Contact Telephone: 9515291184  
Mailing Name: Not reported  
Mailing Address 1: 25908 NEWPORT RD STE H  
Mailing Address 2: Not reported  
Mailing City: MENIFEE  
Mailing State: CA  
Mailing Zip: 925840000  
Owner Fax: 9513091690  
Region Code: 4

37  
South  
1/2-1  
0.655 mi.  
3456 ft.

**NEWPORT ESTATES PROJECT (ELEM. SCH. #7)**  
**LA PIEDRA ROAD/EVANS ROAD/NEWPORT AVENUE**  
**MENIFEE, CA 92584**

**ENVIROSTOR S118757045**  
**SCH N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1464 ft.**

ENVIROSTOR:  
Name: NEWPORT ESTATES PROJECT (ELEM. SCH. #7)  
Address: LA PIEDRA ROAD/EVANS ROAD/NEWPORT AVENUE  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 60000011  
Status: No Action Required  
Status Date: 03/04/2004  
Site Code: 404417  
Site Type: School Investigation  
Site Type Detailed: School  
Acres: 13.1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Angela Garcia  
Supervisor: Shahir Haddad  
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: 33.6777  
Longitude: -117.1995  
APN: NONE SPECIFIED  
Past Use: \* UNKNOWN  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: 31000-NO  
Potential Description: NMA  
Alias Name: MENIFEE USD-NEWPORT ESTATES/PACIFIC PALM  
Alias Type: Alternate Name

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWPORT ESTATES PROJECT (ELEM. SCH. #7) (Continued)**

**S118757045**

Alias Name: 404417  
Alias Type: Project Code (Site Code)  
Alias Name: 60000011  
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: 03/04/2004  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 03/04/2004  
Comments: Not reported

Future Area Name: Not reported  
Future Sub Area Name: Not reported  
Future Document Type: Not reported  
Future Due Date: Not reported  
Schedule Area Name: Not reported  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Not reported  
Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**SCH:**

Name: NEWPORT ESTATES PROJECT (ELEM. SCH. #7)  
Address: LA PIEDRA ROAD/EVANS ROAD/NEWPORT AVENUE  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 60000011  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 13.1  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Angela Garcia  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Site Code: 404417  
Assembly: 67  
Senate: 23  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 03/04/2004  
Restricted Use: NO  
Funding: School District  
Latitude: 33.6777  
Longitude: -117.1995  
APN: NONE SPECIFIED  
Past Use: \* UNKNOWN



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEWPORT ESTATES PROJECT (ELEM. SCH. #7) (Continued)**

**S118757045**

Potential COC: NONE SPECIFIED, No Contaminants found  
 Confirmed COC: 31000-NO  
 Potential Description: NMA  
 Alias Name: MENIFEE USD-NEWPORT ESTATES/PACIFIC PALM  
 Alias Type: Alternate Name  
 Alias Name: 404417  
 Alias Type: Project Code (Site Code)  
 Alias Name: 60000011  
 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: 03/04/2004  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Phase 1  
 Completed Date: 03/04/2004  
 Comments: Not reported

Future Area Name: Not reported  
 Future Sub Area Name: Not reported  
 Future Document Type: Not reported  
 Future Due Date: Not reported  
 Schedule Area Name: Not reported  
 Schedule Sub Area Name: Not reported  
 Schedule Document Type: Not reported  
 Schedule Due Date: Not reported  
 Schedule Revised Date: Not reported

**38**  
**WSW**  
**> 1**  
**1.063 mi.**  
**5611 ft.**

**MENIFEE PROPOSED ELEMENTARY SCHOOL NO. 14**  
**NEAR DERBY HILL DRIVE AND STAGE COACH ROAD**  
**MENIFEE, CA 92584**

**ENVIROSTOR S118757300**  
**SCH N/A**

**Relative:**  
**Higher**  
**Actual:**  
**1427 ft.**

ENVIROSTOR:

Name: MENIFEE PROPOSED ELEMENTARY SCHOOL NO. 14  
 Address: NEAR DERBY HILL DRIVE AND STAGE COACH ROAD  
 City,State,Zip: MENIFEE, CA 92584  
 Facility ID: 60002286  
 Status: No Action Required  
 Status Date: 01/08/2016  
 Site Code: 404922  
 Site Type: School Investigation  
 Site Type Detailed: School  
 Acres: 15.69  
 NPL: NO  
 Regulatory Agencies: SMBRP  
 Lead Agency: SMBRP  
 Program Manager: Xihong (Scarlett) Zhai  
 Supervisor: Shahir Haddad  
 Division Branch: Southern California Schools & Brownfields Outreach  
 Assembly: , 67  
 Senate: , 23

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENIFEE PROPOSED ELEMENTARY SCHOOL NO. 14 (Continued)**

**S118757300**

Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: School District  
Latitude: 33.67981  
Longitude: -117.2152  
APN: NONE SPECIFIED  
Past Use: NONE  
Potential COC: NONE SPECIFIED No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: NMA  
Alias Name: 404922  
Alias Type: Project Code (Site Code)  
Alias Name: 60002286  
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: 03/07/2017  
Comments: Closeout Form 1554 submitted 3/6/17 and processed by CRBS 3/7/17;  
closeout complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 01/08/2016  
Comments: DTSC approved the Phase I ESA with no action determination

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: MENIFEE PROPOSED ELEMENTARY SCHOOL NO. 14  
Address: NEAR DERBY HILL DRIVE AND STAGE COACH ROAD  
City,State,Zip: MENIFEE, CA 92584  
Facility ID: 60002286  
Site Type: School Investigation  
Site Type Detail: School  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 15.69  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Xihong (Scarlett) Zhai  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MENIFEE PROPOSED ELEMENTARY SCHOOL NO. 14 (Continued)**

**S118757300**

Site Code: 404922  
Assembly: , 67  
Senate: , 23  
Special Program Status: Not reported  
Status: No Action Required  
Status Date: 01/08/2016  
Restricted Use: NO  
Funding: School District  
Latitude: 33.67981  
Longitude: -117.2152  
APN: NONE SPECIFIED  
Past Use: NONE  
Potential COC: NONE SPECIFIED, No Contaminants found  
Confirmed COC: No Contaminants found  
Potential Description: NMA  
Alias Name: 404922  
Alias Type: Project Code (Site Code)  
Alias Name: 60002286  
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: 03/07/2017  
Comments: Closeout Form 1554 submitted 3/6/17 and processed by CRBS 3/7/17; closeout complete.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 01/08/2016  
Comments: DTSC approved the Phase I ESA with no action determination

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)
MENIFEE	S107526621		1/4 MI E OF MURRIETA RD ON COR	92584	CDL
SUN CITY	S121672595	SEC NEWPORT & MURRIETA	SEC NEWPORT AND MURRIETA	92584	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**

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 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: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: N/A
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 07/02/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 07/03/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 07/02/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 800-424-9346
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/02/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/10/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/26/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 05/29/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/25/2019

Date Data Arrived at EDR: 03/26/2019

Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 06/26/2019

Next Scheduled EDR Contact: 10/07/2019

Data Release Frequency: Quarterly

## ***State- and tribal - equivalent NPL***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/29/2019

Date Data Arrived at EDR: 04/30/2019

Date Made Active in Reports: 06/27/2019

Number of Days to Update: 58

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Quarterly

## ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/13/2019

Date Data Arrived at EDR: 05/14/2019

Date Made Active in Reports: 07/17/2019

Number of Days to Update: 64

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Quarterly

## ***State and tribal leaking storage tank lists***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: see region list
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	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	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018  
Date Data Arrived at EDR: 03/07/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 55

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 07/24/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018  
Date Data Arrived at EDR: 03/08/2019  
Date Made Active in Reports: 05/01/2019  
Number of Days to Update: 54

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/24/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6271
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 02/19/2019	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-8677
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	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: 10/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 10/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-7439
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-6597
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: No Update Planned

## **State and tribal registered storage tank lists**

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017  
Date Data Arrived at EDR: 05/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 136

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 07/10/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Varies

### MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/12/2019	Telephone: 916-327-7844
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/10/2019	Source: SWRCB
Date Data Arrived at EDR: 06/11/2019	Telephone: 916-341-5851
Date Made Active in Reports: 07/23/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 06/17/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/30/2019
	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: 11/07/2018	Source: EPA Region 7
Date Data Arrived at EDR: 03/07/2019	Telephone: 913-551-7003
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018	Source: EPA Region 8
Date Data Arrived at EDR: 03/07/2019	Telephone: 303-312-6137
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 04/26/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 08/05/2019
	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: 11/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 03/07/2019	Telephone: 214-665-7591
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 10/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 03/07/2019	Telephone: 312-886-6136
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 09/24/2018	Source: EPA Region 4
Date Data Arrived at EDR: 03/12/2019	Telephone: 404-562-9424
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/23/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018	Source: EPA Region 10
Date Data Arrived at EDR: 03/07/2019	Telephone: 206-553-2857
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	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: 10/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 03/08/2019	Telephone: 415-972-3368
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 03/07/2019	Telephone: 617-918-1313
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 07/24/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/20/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/07/2019
	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: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

## **State and tribal Brownfields sites**

### BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/25/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-7905
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/18/2018	Telephone: 202-566-2777
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 04/25/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 48

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 06/12/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 03/26/2019  
Date Data Arrived at EDR: 03/27/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 34

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 05/09/2019  
Next Scheduled EDR Contact: 08/26/2019  
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: 04/26/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

## 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

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: No Update Planned

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 04/23/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/26/2019	Telephone: 202-307-1000
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 05/24/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/09/2019
	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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/29/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/30/2019	Telephone: 916-323-3400
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 04/30/2019
Number of Days to Update: 58	Next Scheduled EDR Contact: 08/12/2019
	Data Release Frequency: Quarterly

### CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 07/08/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Varies

### TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/09/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 05/08/2019  
Number of Days to Update: 27

Source: CalEPA  
Telephone: 916-323-2514  
Last EDR Contact: 07/23/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Quarterly

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019  
Date Data Arrived at EDR: 02/26/2019  
Date Made Active in Reports: 04/17/2019  
Number of Days to Update: 50

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 06/28/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 26

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 09/23/2019  
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

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018  
Date Data Arrived at EDR: 12/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 8

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
Data Release Frequency: Annually

### HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018  
Date Data Arrived at EDR: 09/12/2018  
Date Made Active in Reports: 10/11/2018  
Number of Days to Update: 29

Source: San Francisco County Department of Public Health  
Telephone: 415-252-3896  
Last EDR Contact: 05/02/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Varies

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 04/09/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 05/08/2019  
Number of Days to Update: 27

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/23/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Quarterly

## **Local Land Records**

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019  
Date Data Arrived at EDR: 03/01/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 32

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
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: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 07/02/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

#### **HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/26/2019	Telephone: 202-366-4555
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

#### **CHMIRS: California Hazardous Material Incident Report System**

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 10/24/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 06/24/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Semi-Annually

#### **LDS: Land Disposal Sites Listing (GEOTRACKER)**

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

#### **MCS: Military Cleanup Sites Listing (GEOTRACKER)**

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/10/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/11/2019	Telephone: 866-480-1028
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/11/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 04/03/2019	Telephone: 202-528-4285
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/10/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 05/13/2019  
Next Scheduled EDR Contact: 08/26/2019  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019  
Date Data Arrived at EDR: 03/26/2019  
Date Made Active in Reports: 05/07/2019  
Number of Days to Update: 42

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 06/26/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 05/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 05/10/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/18/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 04/24/2019  
Next Scheduled EDR Contact: 08/05/2019  
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: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 35

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 07/01/2019  
Next Scheduled EDR Contact: 09/16/2019  
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: 04/25/2019  
Date Data Arrived at EDR: 05/02/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 21

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019	Source: EPA
Date Data Arrived at EDR: 04/18/2019	Telephone: 202-564-6023
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019	Source: EPA
Date Data Arrived at EDR: 04/10/2019	Telephone: 202-566-0500
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/12/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/03/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 07/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/04/2019
	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: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/07/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 04/26/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/02/2019	Telephone: 202-343-9775
Date Made Active in Reports: 05/14/2019	Last EDR Contact: 07/01/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 04/30/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 05/23/2019  
Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/26/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/10/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 05/02/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/18/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 07/01/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018  
Date Data Arrived at EDR: 02/27/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 05/29/2019  
Next Scheduled EDR Contact: 09/09/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 05/31/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 09/09/2019
	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	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 05/31/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019	Source: Department of Interior
Date Data Arrived at EDR: 03/28/2019	Telephone: 202-208-2609
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/19/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (415) 947-8000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 06/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/09/2019	Telephone: 202-564-2280
Date Made Active in Reports: 05/23/2019	Last EDR Contact: 07/09/2019
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/21/2019
	Data Release Frequency: Quarterly

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 05/24/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 07/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 10/28/2019
	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: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 05/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/25/2019	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/26/2019	Telephone: 916-323-3400
Date Made Active in Reports: 05/01/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/14/2019	Telephone: 925-454-2361
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: Varies

## CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 04/18/2019	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 04/19/2019	Telephone: 415-252-3896
Date Made Active in Reports: 04/30/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 11	Next Scheduled EDR Contact: 08/19/2019
	Data Release Frequency: Varies

## DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2019  
Date Data Arrived at EDR: 02/28/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
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: 03/19/2019  
Date Data Arrived at EDR: 03/22/2019  
Date Made Active in Reports: 04/09/2019  
Number of Days to Update: 18

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 05/23/2019  
Next Scheduled EDR Contact: 09/09/2019  
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: 03/01/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 35

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Annually

**EMI:** Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/20/2018  
Date Made Active in Reports: 08/06/2018  
Number of Days to Update: 47

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 06/24/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Varies

**ENF:** Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018  
Date Data Arrived at EDR: 11/02/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 41

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 07/18/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

**Financial Assurance 1:** Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/22/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

**Financial Assurance 2:** Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/15/2019  
Date Data Arrived at EDR: 05/16/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 63

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 05/09/2019  
Next Scheduled EDR Contact: 08/26/2019  
Data Release Frequency: Varies

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 05/29/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 54

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 07/12/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Annually

## 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 [CALSTATES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001  
Date Data Arrived at EDR: 01/22/2009  
Date Made Active in Reports: 04/08/2009  
Number of Days to Update: 76

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/22/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 05/21/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/08/2019  
Date Data Arrived at EDR: 04/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 51

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 07/09/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 34

Source: Department of Conservation  
Telephone: 916-322-1080  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/20/2019	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-558-1784
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/13/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/14/2019	Telephone: 916-445-9379
Date Made Active in Reports: 07/17/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 08/26/2019
	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: 03/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-445-4038
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 06/04/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/16/2019
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/11/2019	Source: Department of Conservation
Date Data Arrived at EDR: 03/13/2019	Telephone: 916-323-3836
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 47	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/18/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/19/2019	Telephone: 916-445-3846
Date Made Active in Reports: 04/29/2019	Last EDR Contact: 06/17/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 09/30/2019
	Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 06/11/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/23/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resource Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018  
Date Data Arrived at EDR: 07/11/2018  
Date Made Active in Reports: 09/13/2018  
Number of Days to Update: 64

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 07/12/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: No Update Planned

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009  
Date Data Arrived at EDR: 07/21/2009  
Date Made Active in Reports: 08/03/2009  
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 06/19/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/29/2019  
Number of Days to Update: 47

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 06/12/2019  
Next Scheduled EDR Contact: 09/23/2019  
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: 03/05/2019  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 28

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 06/04/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/09/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 05/08/2019  
Number of Days to Update: 27

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/23/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Varies

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/10/2019  
Date Data Arrived at EDR: 06/11/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 43

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/11/2019  
Next Scheduled EDR Contact: 09/23/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 01/13/2014  
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/30/2013  
Number of Days to Update: 182

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019  
Date Data Arrived at EDR: 01/11/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 53

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 06/20/2019  
Number of Days to Update: 70

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 04/24/2047  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 06/27/2019  
Date Data Arrived at EDR: 06/28/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 26

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 06/17/2019  
Next Scheduled EDR Contact: 09/16/2019  
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: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/02/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 27

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/24/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/17/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: 05/22/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 56

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 04/29/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 02/20/2019  
Date Data Arrived at EDR: 05/01/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 29

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 04/25/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 06/05/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 47

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 04/29/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/10/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 19

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 06/26/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 05/20/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 04/24/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/27/2019  
Number of Days to Update: 63

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 70

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Varies

## KERN COUNTY:

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2019  
Date Data Arrived at EDR: 05/07/2019  
Date Made Active in Reports: 07/16/2019  
Number of Days to Update: 70

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 05/02/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: 05/16/2019  
Date Data Arrived at EDR: 05/17/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 13

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 05/30/2019  
Date Data Arrived at EDR: 05/31/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 53

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 01/17/2019  
Date Data Arrived at EDR: 01/18/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 46

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 06/17/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 05/13/2019  
Date Data Arrived at EDR: 05/16/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 63

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 07/08/2019  
Next Scheduled EDR Contact: 10/21/2019  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/15/2019  
Date Data Arrived at EDR: 04/16/2019  
Date Made Active in Reports: 06/21/2019  
Number of Days to Update: 66

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/17/2019  
Next Scheduled EDR Contact: 10/28/2019  
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: 01/01/2019  
Date Data Arrived at EDR: 01/15/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 51

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/12/2019  
Next Scheduled EDR Contact: 10/28/2019  
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: 01/01/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 54

Source: Los Angeles Fire Department  
Telephone: 213-978-3800  
Last EDR Contact: 06/25/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/30/2012	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 04/17/2019	Telephone: 626-458-6973
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 10/28/2019
	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: 01/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 04/05/2019	Telephone: 213-978-3800
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/07/2019
	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: 01/01/2019	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 04/05/2019	Telephone: 213-978-3800
Date Made Active in Reports: 05/29/2019	Last EDR Contact: 06/25/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 10/07/2019
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/08/2019	Source: Community Health Services
Date Data Arrived at EDR: 04/16/2019	Telephone: 323-890-7806
Date Made Active in Reports: 06/21/2019	Last EDR Contact: 07/17/2019
Number of Days to Update: 66	Next Scheduled EDR Contact: 10/28/2019
	Data Release Frequency: Annually

## UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/12/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/28/2019
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 562-570-2563
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank  
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/04/2019	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/23/2019	Telephone: 310-618-2973
Date Made Active in Reports: 06/27/2019	Last EDR Contact: 07/19/2019
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/04/2019
	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: 02/20/2019	Source: Madera County Environmental Health
Date Data Arrived at EDR: 02/22/2019	Telephone: 559-675-7823
Date Made Active in Reports: 03/07/2019	Last EDR Contact: 05/16/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 06/26/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 05/29/2019	Source: Merced County Environmental Health
Date Data Arrived at EDR: 05/30/2019	Telephone: 209-381-1094
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 05/16/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/02/2019
	Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List  
CUPA Facility List

Date of Government Version: 05/23/2019	Source: Mono County Health Department
Date Data Arrived at EDR: 05/30/2019	Telephone: 760-932-5580
Date Made Active in Reports: 07/22/2019	Last EDR Contact: 05/23/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 09/09/2019
	Data Release Frequency: Varies

MONTEREY COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019  
Date Data Arrived at EDR: 02/07/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 26

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
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: 02/21/2019  
Date Data Arrived at EDR: 02/22/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 9

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 05/13/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Annually

### LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2019  
Date Data Arrived at EDR: 05/09/2019  
Date Made Active in Reports: 05/30/2019  
Number of Days to Update: 21

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2019  
Date Data Arrived at EDR: 05/07/2019  
Date Made Active in Reports: 07/16/2019  
Number of Days to Update: 70

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 05/07/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: 02/28/2019  
Date Data Arrived at EDR: 03/01/2019  
Date Made Active in Reports: 04/12/2019  
Number of Days to Update: 62

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Semi-Annually

## PLUMAS COUNTY:

### CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## RIVERSIDE COUNTY:

### LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/12/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 18

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/17/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Quarterly

### UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/11/2019  
Date Data Arrived at EDR: 04/12/2019  
Date Made Active in Reports: 06/20/2019  
Number of Days to Update: 69

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/17/2019  
Next Scheduled EDR Contact: 09/30/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/05/2019  
Date Data Arrived at EDR: 04/02/2019  
Date Made Active in Reports: 06/18/2019  
Number of Days to Update: 77

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Quarterly

## ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/2019  
Date Data Arrived at EDR: 04/02/2019  
Date Made Active in Reports: 06/20/2019  
Number of Days to Update: 79

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/28/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 48

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 07/16/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: 05/31/2019  
Date Data Arrived at EDR: 05/31/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 52

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 05/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: 03/04/2019  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 28

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 06/04/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018  
Date Data Arrived at EDR: 04/24/2018  
Date Made Active in Reports: 06/19/2018  
Number of Days to Update: 56

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 04/24/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/27/2019  
Number of Days to Update: 63

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
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: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 05/02/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: No Update Planned

### UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 38

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 05/02/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 06/17/2019  
Next Scheduled EDR Contact: 09/30/2019  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
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: 03/04/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/29/2019  
Number of Days to Update: 47

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/12/2019  
Next Scheduled EDR Contact: 09/23/2019  
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: 06/10/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 56

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 05/24/2019  
Next Scheduled EDR Contact: 09/09/2019  
Data Release Frequency: No Update Planned

## SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/19/2019  
Date Data Arrived at EDR: 05/23/2019  
Date Made Active in Reports: 07/22/2019  
Number of Days to Update: 60

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA SHASTA: CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 09/02/2019  
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: 03/05/2019  
Date Data Arrived at EDR: 03/07/2019  
Date Made Active in Reports: 04/29/2019  
Number of Days to Update: 53

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

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: 07/23/2019  
Number of Days to Update: 47

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 06/18/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 07/24/2019  
Number of Days to Update: 29

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/19/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Varies

## LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/11/2019  
Date Made Active in Reports: 04/30/2019  
Number of Days to Update: 19

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 06/19/2019  
Next Scheduled EDR Contact: 10/07/2019  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/03/2019  
Date Data Arrived at EDR: 06/04/2019  
Date Made Active in Reports: 07/23/2019  
Number of Days to Update: 49

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 06/03/2019  
Next Scheduled EDR Contact: 09/16/2019  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 05/20/2019  
Date Data Arrived at EDR: 05/21/2019  
Date Made Active in Reports: 07/18/2019  
Number of Days to Update: 58

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 05/16/2019  
Next Scheduled EDR Contact: 08/19/2019  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/24/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/28/2019  
Number of Days to Update: 64

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 05/09/2019  
Date Data Arrived at EDR: 05/10/2019  
Date Made Active in Reports: 07/17/2019  
Number of Days to Update: 68

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 05/06/2019  
Next Scheduled EDR Contact: 08/19/2019  
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: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 07/19/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Varies

## VENTURA COUNTY:

### BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2019  
Date Data Arrived at EDR: 04/25/2019  
Date Made Active in Reports: 06/27/2019  
Number of Days to Update: 63

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 07/22/2019  
Next Scheduled EDR Contact: 11/04/2019  
Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 06/26/2019  
Next Scheduled EDR Contact: 10/14/2019  
Data Release Frequency: No Update Planned

### LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008  
Date Data Arrived at EDR: 06/24/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 37

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 05/09/2019  
Next Scheduled EDR Contact: 08/26/2019  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2019	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/25/2019	Telephone: 805-654-2813
Date Made Active in Reports: 05/30/2019	Last EDR Contact: 07/22/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/04/2019
	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: 06/10/2019	Source: Environmental Health Division
Date Data Arrived at EDR: 06/12/2019	Telephone: 805-654-2813
Date Made Active in Reports: 07/24/2019	Last EDR Contact: 06/12/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/23/2019
	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: 03/29/2019	Source: Yolo County Department of Health
Date Data Arrived at EDR: 04/05/2019	Telephone: 530-666-8646
Date Made Active in Reports: 06/20/2019	Last EDR Contact: 06/26/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/14/2019
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2019	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/07/2019	Telephone: 530-749-7523
Date Made Active in Reports: 07/16/2019	Last EDR Contact: 04/25/2019
Number of Days to Update: 70	Next Scheduled EDR Contact: 08/12/2019
	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: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 05/14/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 08/26/2019
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/09/2019  
Next Scheduled EDR Contact: 10/21/2019  
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: 05/01/2019  
Date Made Active in Reports: 06/21/2019  
Number of Days to Update: 51

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 05/01/2019  
Next Scheduled EDR Contact: 08/12/2019  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/27/2018  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/15/2019  
Next Scheduled EDR Contact: 10/28/2019  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 05/17/2019  
Next Scheduled EDR Contact: 09/02/2019  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 07/09/2018  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/10/2019  
Next Scheduled EDR Contact: 09/23/2019  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

## State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **Appendix F**

### **Murrieta Road Transmission Pipeline Noise Calculations**







Daytime Noise Exposure				Night time Noise Exposure			
	Leq	Weighting	Ldn		Leq	Weighting	Ldn
12:00 AM	0	10.0	10.0	12:00 AM	61	10.0	70.6
1:00 AM	0	10.0	10.0	1:00 AM	61	10.0	70.6
2:00 AM	0	10.0	10.0	2:00 AM	61	10.0	70.6
3:00 AM	0	10.0	10.0	3:00 AM	61	10.0	70.6
4:00 AM	0	10.0	10.0	4:00 AM	61	10.0	70.6
5:00 AM	0	10.0	10.0	5:00 AM	61	10.0	70.6
6:00 AM	0	10.0	10.0	6:00 AM	0	10.0	10.0
7:00 AM	0	0.0	0.0	7:00 AM	0	0.0	0.0
8:00 AM	54	0.0	53.8	8:00 AM	0	0.0	0.0
9:00 AM	54	0.0	53.8	9:00 AM	0	0.0	0.0
10:00 AM	54	0.0	53.8	10:00 AM	0	0.0	0.0
11:00 AM	54	0.0	53.8	11:00 AM	0	0.0	0.0
12:00 PM	54	0.0	53.8	12:00 PM	0	0.0	0.0
1:00 PM	54	0.0	53.8	1:00 PM	0	0.0	0.0
2:00 PM	54	0.0	53.8	2:00 PM	0	0.0	0.0
3:00 PM	54	0.0	53.8	3:00 PM	0	0.0	0.0
4:00 PM	54	0.0	53.8	4:00 PM	0	0.0	0.0
5:00 PM	54	0.0	53.8	5:00 PM	0	0.0	0.0
6:00 PM	0	0.0	0.0	6:00 PM	0	0.0	0.0
7:00 PM	0	0.0	0.0	7:00 PM	0	0.0	0.0
8:00 PM	0	0.0	0.0	8:00 PM	0	0.0	0.0
9:00 PM	0	0.0	0.0	9:00 PM	0	0.0	0.0
10:00 PM	0	10.0	10.0	10:00 PM	61	10.0	70.6
11:00 PM	0	10.0	10.0	11:00 PM	61	10.0	70.6
			50				66

## Construction Generated Vibration

Nearest Vibration Sensitive Uses	Closest Distance (feet):	
	Approximate RMS a 66	Approximate RMS 73.000
Equipment	inch/second	inch/second
Vibratory roller	0.21	0.172
Large bulldozer	0.089	0.073
Small bulldozer	0.003	0.002
Jackhammer	0.035	0.029
Loaded trucks	0.076	0.062
	Criteria	0.240
<b>Based on distance to nearest structure</b>		
<sup>1</sup> Determined based on use of jackhammers or pneumatic hammers that may be used for pavement demolition at a distance of 25 feet		
Notes: RMS velocity calculated from vibration level (VdB) using the reference of one microinch/second.		
Source: Based on methodology from the United States Department of Transportation Federal Transit Administration, <i>Transit Noise and Vibration Impact Assessment</i> (2006).		