

# **VICTOR VALLEY BIOENERGY FACILITY (VVBF) PROJECT**

## **CALIFORNIA ENVIRONMENTAL QUALITY ACT INITIAL STUDY**

**Prepared For:**  
**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY**  
20111 Shay Road  
Victorville, CA 92394

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December 2023

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# 1. PROJECT DESCRIPTION

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## 1.1 Introduction

The Victor Valley Wastewater Reclamation Authority (VWVRA) is a Joint Powers Authority and Public Agency in the State of California formed in December of 1977. VWVRA is responsible for the regional collection, treatment, and disposal of wastewater in Victor Valley. Anaergia Inc. (Anaergia) plans to build a biofuels facility, referred to as the Victor Valley Bioenergy Facility (VWBF) Project or the proposed Project, which is proposed to be constructed within VWVRA's wastewater treatment plant (WWTP) headquarters boundaries. The land use for the Project site is Open Space and Specific Plan (SCLA), and that zoning classification is Exclusive Agriculture and Specific Plan (SCLA).

The VWBF Project will divert up to 1,450 tons per day (TPD) from offsite Southern California's organic waste streams from landfill disposal in compliance with Senate Bill (SB) 1383, and process an additional 875 TPD (at 2.2 percent solids) of VWVRA onsite waste streams into soil amendment. The Project includes three main elements:

- ▶ **Anaerobic Digestion and RNG System.** The first element is an organic polishing system and anaerobic digester that will process up to 700 TPD of recovered organic waste and up to 200 TPD of liquid organic waste and will produce up to 805,920 million British thermal units (MMBtu) per year of renewable natural gas (RNG) from biogas treatment for injection into the Southwest Gas utility pipeline and up to 170 TPD of soil amendment.
- ▶ **Pyrolysis and Biochar System.** The second element is a biosolids drying and pyrolysis system that will process up to 550 TPD of diverted offsite C (WWTP) biosolids plus 875 TPD (at 2.2 percent solids) of VWVRA's digestate (dewatered biosolids) to produce up to 71 TPD of biochar.
- ▶ **Solar System.** The third element is an approximately 14-acre solar array to generate up to 7 megawatts (MW) of electricity (approximately 12,910 megawatt hours [MWhs] / year) with backup batteries for potential use by both VWBF and VWVRA operations.

This detailed description of the Project accompanies the California Environmental Quality Act (CEQA) environmental checklist, which presents an evaluation of the Project.

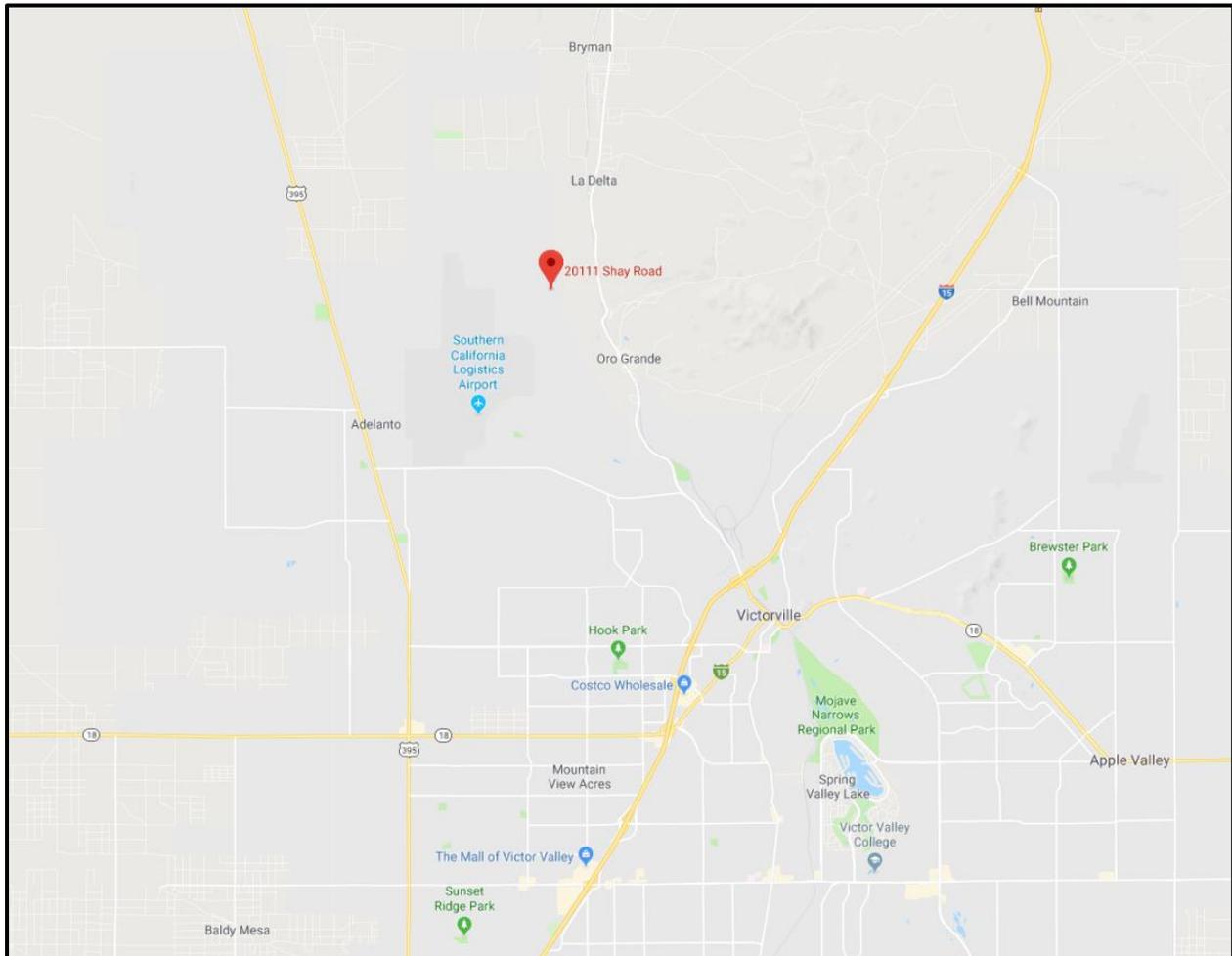
The VWBF Project includes the following key objectives:

- ▶ **Produce low-carbon fuel.** The RNG produced by the Project will have a low "carbon intensity" under California's Low Carbon Fuel Standard (LCFS), which will help the State of California achieve its goal of reducing greenhouse gas (GHG) emissions from transportation fuels used in the state. The RNG will also help meet SB 1440 renewable procurement standards for California natural gas utilities.
- ▶ **Support implementation of SB 1383.** The Project will support California's Short-Lived Climate Pollutant Reduction law (SB 1383), which sets goals to reduce organic waste disposal to landfills, by instead upgrading organic waste into RNG, soil amendments and biochar.
- ▶ **Generate renewable power.** The solar array will generate renewable energy to support VWBF and VWVRA operations, reducing carbon intensity of RNG produced by the Project, improving VWVRA energy neutrality, and reducing utility cost to VWVRA.
- ▶ **Provide biosolids management alternatives.** The Project provides a reliable disposal method for biosolids, which are increasingly limited by SB 1383 and other state and federal regulations. This Project also alleviates groundwater contamination concerns associated with VWVRA's use of biosolids drying beds.

- ▶ **Reduce greenhouse gases (GHGs) from disposal of organic waste and biosolids.** The proposed VVBF Project would reduce annual GHG emissions 1) at landfills by up to 54,000 metric tons (MT) of carbon dioxide equivalents (CO<sub>2</sub>e) and 2) in reduced transport by up to 2,260 MT of CO<sub>2</sub>e.

## 1.2 Location

The Project would be located at 20111 Shay Road, City of Victorville, San Bernardino County, California 92394 within VVWRA’s property. The Project site is in Section 13 of Township 6 North and Range 5 West, San Bernardino Meridian, at latitude 34°36’54.9” north and longitude 117°21’26.9” west (Google Earth Pro, 2019a). The site can be viewed on the USGS – Victorville Quadrangle, 7.5 Minute Series topographic map. The Project will occupy approximately 30 acres. **Figure 1-1** depicts the regional and site location of the proposed Project northwest of the City of Victorville. **Figure 1-2** shows the Project location in the existing open area northwest of the VVWRA WWTP headquarters within an area that is already developed as holding ponds. **Figure 1-3** depicts the VVBF Project development area.



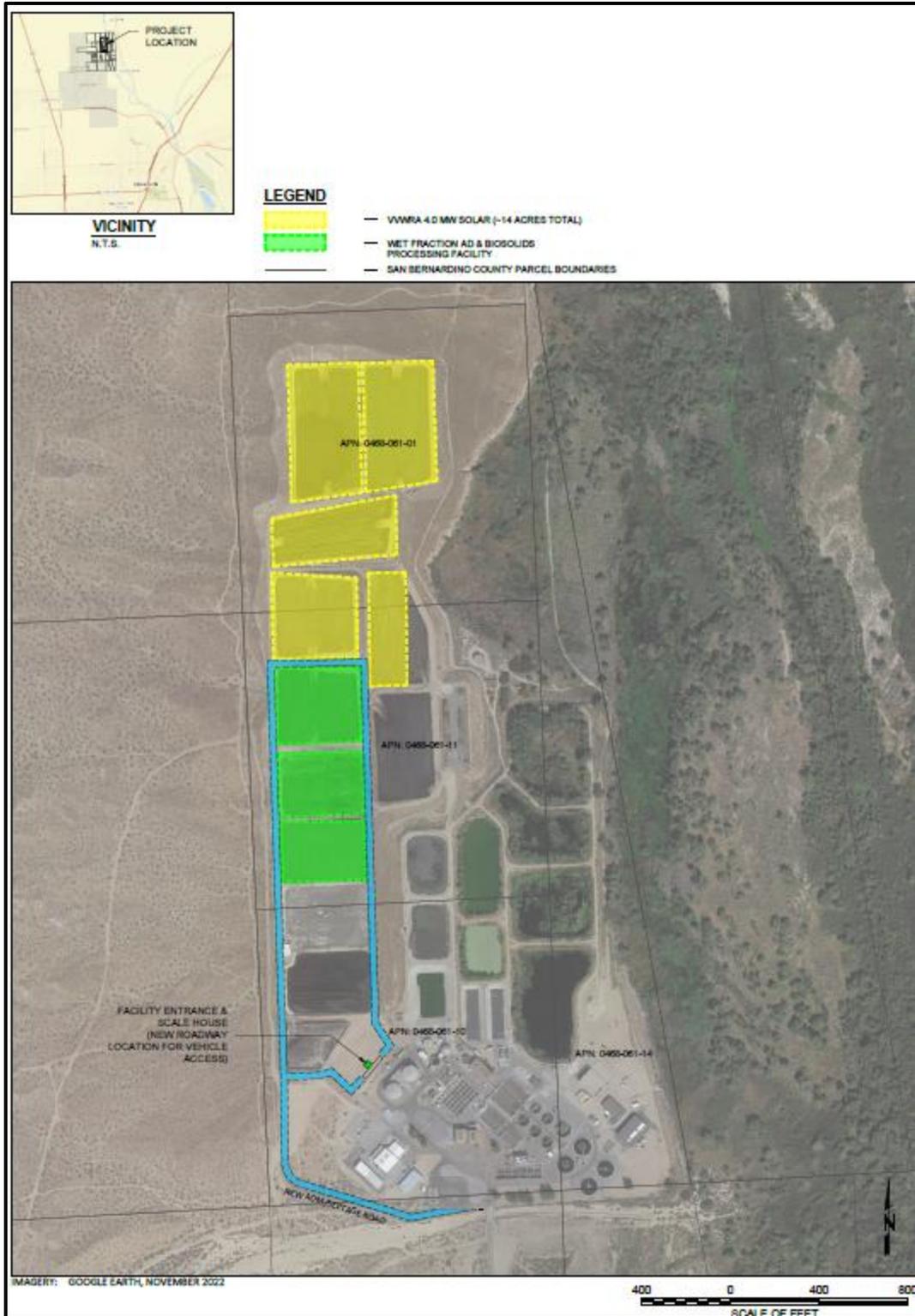
(Source: Google Maps)

**Figure 1-1 Regional and Site Location of the Proposed VVBF Project**



Source: Google Earth, 2022

**Figure 1-2 VVBF Project Site Aerial Map**



**Figure 1-3 VVBF Project Development Area**

## 1.3 Process Description

The VVBF facility operations will produce up to 805,920 MMBtu/year of pipeline-injected RNG from biogas treatment from organics processing and anaerobic digestion of up to 700 TPD of recovered organic waste and 200 TPD liquid organic waste and will also produce up to 55 TPD of dried solids for land application. The Project will also produce up to 71 TPD of biochar as an input for soil nutrients blend from 550 TPD of offsite biosolids and 875 TPD (at 2.2 percent solids) of onsite VVWRA digestate. **Figure 1-4** shows a block flow diagram of the proposed facility's major production processes.

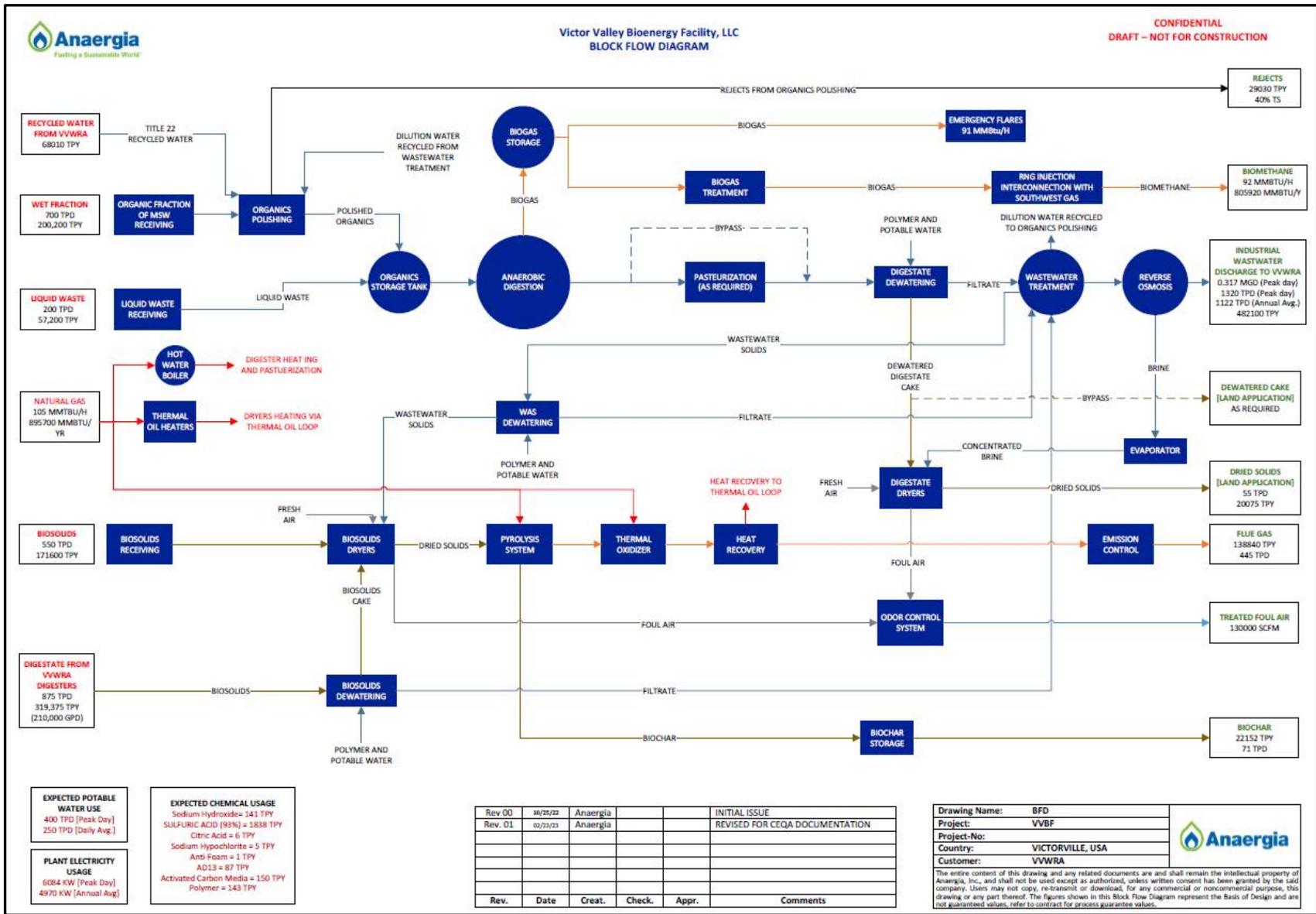
### 1.3.1 Anaerobic Digestion and RNG System

#### Organics and Liquid Waste Receiving

The proposed VVBF will receive a range of organics waste streams, including organic fractions of municipal solid waste (MSW), source-separated organics (SSO), de-packaged food waste, organic rich fines from MSW, liquid waste, and biosolids. The digestible material received at the facility are the processed organic components from the municipal solid waste stream, including food material (as defined in 14 CCR 17852) referred to in this document as the organic fraction of municipal solid waste (OFMSW), source-separated organics (SSO), "food waste" and/or wet fraction ("WF"), and liquid wastes ("LW") such as fats, oils and grease, expired organic food sauces, pre-consumer food wastes, food processing wastes, or similar waste from food production or preparations including sodas and fats, oils and grease. VVBF will receive approximately 700 TPD of these inbound organics waste streams and 200 TPD of liquid waste. The biosolids received total 550 TPD of offsite biosolids (as defined in 14 CCR 17852), also referred to as cake, and 875 TPD (at 2.2 percent solids) of VVWRA digestate. **Table 1-1** below summarizes the waste inputs on daily TPD averages, daily TPD maximums, and annual tons per year (TPY) estimates.

#### Anaerobic Digestion of Organic Waste

Along with the solid organic waste received, 68,010 TPY of recycled water from VVWRA and 197,000 TPY of dilution water recycled from the onsite wastewater treatment plant will be used to prepare the received wet fraction for digestion. An organic polishing system (OPS) will remove contaminants such as plastics and grit (sand, dirt, glass, rocks) from the waste stream. The rejected material from the organic polishing system will be sent to plastics and rejects bins, which will then be sent to the Victorville Sanitary Landfill. The polished solid organic waste stream from the organic polishing system and the liquid waste will be sent to two anaerobic digester tanks that will produce 2,540 standard cubic feet per minute (scfm) of biogas (60 percent methane) and 449,000 TPY of digestate. The biogas will be sent to the gas storage membrane. The digestate will either be pasteurized and dewatered or it will be dewatered and dried. Pasteurization or drying are used to remove potential pathogens from the digested solids. Dewatering is used to separate the liquids and solids. The liquids (filtrate) will be sent to the onsite wastewater treatment plant, a separate system from VVWRA's WWTP that is proposed to support the VVBF, which will include a membrane bioreactor (MBR) and reverse osmosis (RO) treatment systems where 129,500 gallons per day will be recycled for reuse in the organic polishing system and 317,000 gallons per day will be discharged to the VVWRA WWTP. Waste activated sludge generated from filtrate treatment (via the wastewater treatment plant) will be dewatered and dried via a biosolids dryer. The solids (digestate cake) will be dried via a digestate dryer, along with RO concentrate from the RO system and will be applied to agricultural land in the Coachella Valley region.



**Figure 1-4 VVBF Block Flow Diagram**

## **Biogas Conditioning**

The 2540 scfm of biogas generated from anaerobic digestion of organics will be stored in the gas storage membrane and upgraded via biogas conditioning system and biomethane upgrading unit using membrane technology to produce 1,524 scfm biomethane meeting local pipeline specification set by the local gas utility, Southwest Gas, which will be injected into the Southwest Gas natural gas pipeline. Excess biogas will be controlled with an emergency flare rated at 91 MMBtu/hr. The total biogas generated will produce up to 805,920 MMBtu/year of biomethane.

### **1.3.2 Pyrolysis and Biochar System**

#### **Biosolids Receiving and Drying**

The facility will receive up to 550 TPD of biosolids from offsite municipal WWTPs as well as 875 TPD (at 2.2 percent solids) of digestate from the VVWRA digesters. The VVWRA digestate will be dewatered using polymer and water to form a digestate cake similar to the 550 TPD of biosolids received from other municipal WWTP facilities. The combined biosolids will be dried along with the WAS cake. Fifty-two thousand TPY of dried biosolids will be sent to pyrolysis system and moist air from the dryer will be sent to the emission control system.

#### **Pyrolysis**

The pyrolysis system will treat the 52,000 TPY of dried biosolids from the dryer. In this system, the solids will be heated to high temperatures in the absence of oxygen to reduce remaining volatile compounds to simpler molecules in the form of a produced gas. The generated produced gas is controlled with a thermal oxidizer to destroy all of the volatile compounds generated from pyrolysis. The pyrolysis system will produce two products: 1) usable heat recovery from volatile organic compounds (VOCs) destruction in the thermal oxidizer to provide supplemental heat to the dryer and 2) a biochar consisting of nutrients, fixed carbon and the remaining inert materials from pyrolysis. The pyrolysis system will produce 25,844 TPY biochar, which will be stored to the biochar storage silo. Gases produced during pyrolysis will go through a thermal oxidizer with heat recovery and will be released as flue gas at a rate of 138,840 TPY. The thermal oxidizer will require an air permit from MDAQMD.

#### **Emission Control System**

Exhaust from the biosolid dryers, digestate filtrate treatment, and digestate cake dryer will be treated prior to discharge into the atmosphere to meet emission requirements. The emission control system will consist of a dust-collection cyclone and an acid and caustic scrubber. In addition to the dryer exhaust, all foul air from odor-control processes at the site will be treated in the emission control system; this uses the foul air as makeup air for the dryer, minimizing the size of the emission control equipment. The treatment of the dryer exhaust will generate additional wastewater as the hot dryer exhaust is condensed to remove moisture from the air. Cooling water is needed for condensing water in the hot dryer exhaust stream and will be provided through use of a cooling tower.

### 1.3.3 Solar System

North of the anaerobic digestion/RNG system and pyrolysis/biochar system, the proposed Project includes 7 MW of solar arrays with storage batteries to potentially generate up to approximately 12,910 MWh/year. While the project description and environmental checklist includes the potential impacts of developing the proposed solar array, the energy assessment also shows the potential impacts from 100 percent of the electricity being provided offsite by SCE in the event the solar system is developed later than the initial anaerobic digestion and pyrolysis systems.

## 1.4 Inputs and Outputs

### 1.4.1 Inputs

**Table 1-1** lists the types and quantities of biosolids and other materials that will be used by the proposed facility. Regarding water usage onsite, the proposed VVBF Project will use VVWRA recycled water for all non-potable uses where possible.

**Table 1-1 Estimated VVBF Project Input Streams**

Inputs	Daily Avg. (TPD)	Daily Peak (TPD)	Annual (TPY)
Biosolids	470	550	171,600
Wet Fraction	548	700	200,200
Liquid Waste	157	200	57,200
VVWRA Digestate	744	875	319,375
Recycled Water	---	---	68,010
Potable Water	250	400	91250
<b>Chemicals</b>			
Sodium Hydroxide	0.33	0.39	141
Sulfuric Acid (93%)	4.28	5.04	1,838
Citric Acid	0.01	0.02	6
Sodium Hypochlorite	0.01	0.01	5
Anti-foam	0.00	0.00	1
AD13	0.20	0.24	87
Activated Carbon Media	0.35	0.41	150
Polymer	0.33	0.39	143

### 1.4.2 Storage Tanks

The facility will include a range of onsite tanks to store finished products and liquid additives used in the operational processes. The storage tanks that will be utilized in support of VVBF operations include the following:

- ▶ Organic slurry buffer tank (700,000 gallons)
- ▶ Pasteurized digestate buffer tank (150,000 gallons)
- ▶ Filtrate buffer tank (110,000 gallons)
- ▶ MBR permeate tank (200,000 gallons)

- ▶ Permeate storage tank (115,000 gallons)
- ▶ Liquid feedstock storage tank (18,000 gallons)
- ▶ Water tank (10,000 gallons)
- ▶ Others

### 1.4.3 Outputs

Table 1-2 summarizes the proposed facility's expected output streams.

**Table 1-2 Estimated VVBF Project Output Streams**

Output Stream	Daily Avg. (MMBtu/hr)	Daily Peak (MMBtu/hr)	Annual Output (MMBtu/yr)
<b>Renewable Natural Gas (RNG) to Southwest Gas Utility Pipeline</b>	78	92	805,920
<b>Solids</b>	<b>Daily Avg. (TPD)</b>	<b>Daily Peak (TPD)</b>	<b>Annual Output (TPY)</b>
Digestate Cake	144.5	170	61,880
Dried Solids	46.8	55	20,075
Biochar	60.4	71	22,152
Rejects	86.2	102	29,030
<b>WWTP Effluent Pollutants</b>	<b>Daily Avg. (TPD)</b>	<b>Daily Peak (TPD)</b>	<b>Annual Output (TPY)</b>
Arsenic	0.002	0.0020	1
Barium	0.011	0.0132	5
Biochemical Oxygen Demand (BOD)	0.224	0.2640	96
Boron	0.001	0.0014	0
Cadmium	0.000	0.0001	0
Chromium, Total	0.001	0.0007	0
Copper	0.001	0.0016	1
Cyanide	0.000	0.0000	0
Fluoride	0.011	0.0132	5
Iron	0.011	0.0132	5
Lead	0.002	0.0022	1
MBAS (Surfactants)	0.112	0.1320	48
Mercury	0.000	0.0001	0
Methyl Tert-Butyl Ether (MTBE)	0.000	0.0000	0
Nickel	0.002	0.0026	1
Nitrogen, Ammonia	0.039	0.0462	17
Total Kjeldahl Nitrogen (TKN)	0.045	0.0528	19
Selenium	0.001	0.0007	0
Silver	0.000	0.0001	0
Tetrachloroethene (TCE)	0.000	0.0000	0
Toluene	0.001	0.0013	0
Total Dissolved Solids (TDS)	1.459	1.7160	625
Total Petroleum Hydrocarbons (TPH)	0.337	0.3960	144
Zinc	0.003	0.0030	1
Total Suspended Solids (TSS)	0.056	0.0660	24

## 1.4.4 Utilities

**Table 1-3** lists daily average and peak consumption as well as annual utility usage estimates. VVWRA will provide water supply, including recycled water for non-potable uses, and will receive wastewater generated by the proposed VVBF Project. Southern California Edison (SCE) and the onsite solar array will provide electricity to the Project site. The 7 MW solar field, which could potentially generate up to 35,040,000 kilowatt-hours (kWh) with the potential to offset the daytime electricity demand of the proposed VVBF Project and the VVWRA operations.

**Table 1-3 Utility Usage**

Utility	Daily Average Requirements	Daily Peak Requirements	Annual Requirements	Source
Potable Water	250 TPD	400 TPD	91,250 TPY	VVWRA
Electricity	4,970 KW	6,084 KW	43,537,200 kWh	SCE and Solar Array
Natural Gas	105 MMBtu/hr		895,700 MMBtu/hr	Southwest Gas
Wastewater Generated	1,122 TPD	1,320 TPD	482,100 TPY	VVWRA

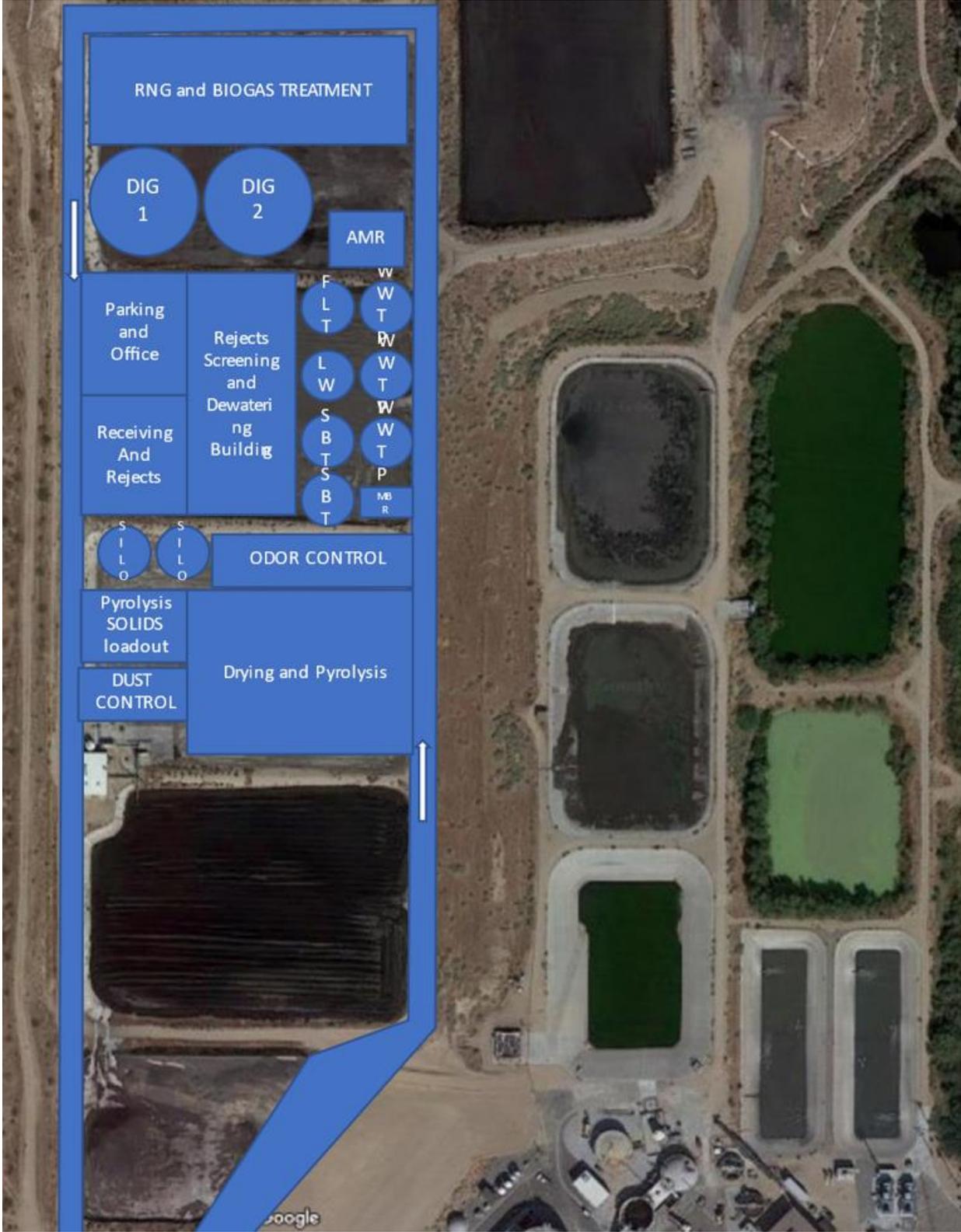
Natural gas will be supplied by Southwest Gas for the following equipment:

- ▶ Hot water boiler for the digester and pasteurizer heating: 8 MMBtu/hr
- ▶ Duct burners for biosolids dryer: Total 41 MMBtu/hr
- ▶ Duct burner for VVBF digestate dryer: 17 MMBtu/hr
- ▶ Thermal oil heater for biosolids dryer: 4 MMBtu/hr
- ▶ Rotary kiln pyrolyzer: 17 MMBtu/hr
- ▶ Thermal oxidizer: 1 MMBtu/hr

## 1.5 Site Plan and Operations

### 1.5.1 Site Plan

**Figure 1-5** presents a preliminary site plan showing the proposed Project's general development footprint for the bioenergy operations, the location of improvements to an existing onsite dirt roadway. The solar arrays will be north of the RNG and biogas treatment. The existing VVWRA dewatering building that will be improved will be south of the area depicted on **Figure 1-5**.



**Figure 1-5 Site Plan**

The site buildings will include the following:

- ▶ Improvements to existing VVWRA dewatering building
- ▶ Office/administrative building (new)
- ▶ Solids handling building (new)

### 1.5.2 Construction

Construction will start promptly when permits are obtained and financing is closed (anticipated to occur no later than Q2 of 2026). Construction will take about 24 months for the organics processing and is expected to be completed by Q2 2028, with commissioning complete in Q1 2029. Construction is expected to employ about 100 to 125 people, primarily contractors and subcontractors. Construction of the solar array will start after the organics processing and will take approximately 12 months to complete. It is anticipated that construction will occur in the following order as outlined in **Table 1-4**:

**Table 1-4 Construction Activities**

Phase	Activity	Duration (Weeks)	Equipment
1	Site Mobilization	1	
1	Site Demolition (Concrete and Demolition)	1	
1	Rough Grading and Excavation	6	Dozer Excavator (w/ Bucket) Scraper Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
1	Grading Soil Haul (if applicable)	6	Excavator Backhoe
1	Foundation (Building, Digester)	12	Excavator Backhoe
1	Underground Utilities (Utility Trenching)	24	Excavator (w/ Wheel) Skiploder 10 Wheel Dump Truck 2,000 Gal Water Truck Rubber Tire Backhoe
1	Building Construction	12	Cranes Forklifts Generator Sets Tractors/Loaders/Backhoes Welders
1	Digester Construction	20	Cranes Forklifts Generator Sets Tractors/Loaders/Backhoes Welders
1	Equipment Installation	26	Cranes Forklifts Generator Sets Tractors/Loaders/Backhoes Welders
1	Process Piping & Electrical	12	Forklift

Phase	Activity	Duration (Weeks)	Equipment
			Welder
1	Perimeter Walls & Fencing	6	Skid steer
1	Prep Grade for Asphalt Paving & Fine Grading	8	Asphalt Compactor Vibratory Roller/Compactor Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
1	Asphalt Paving / Hardscape	12	Asphalt Compactor Vibratory Roller/Compactor Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
1	Fine Grading / Landscaping	4	Skid Steer Rubber Tire Backhoe
1	Pipeline Construction	6	Backhoe Dump truck Telehandler Welder
1	Organics Startup and Commissioning	25	Telehandler
2	Solar Grading	13	Dozer Excavator (w/ Bucket) Scraper Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
2	Solar Mechanical Installation	13	Excavator Backhoe Forklift
2	Solar Electrical Wiring	13	Telehandler
2	Solar Commissioning	13	Telehandler

### 1.5.3 Hours of Operation

The facility will operate 24 hours per day, 365 days per year.

The equipment may shut down periodically for planned and unplanned maintenance, but employees will be onsite at all times.

Deliveries will be scheduled primarily during normal business hours. Business hours are from 6 AM to 10 PM for receipt of deliveries of feedstock.

### 1.5.4 Employees

Once operating, the facility will employ approximately 30 people with the following job functions:

- ▶ Operations
- ▶ Maintenance
- ▶ Management
- ▶ Environmental Health & Safety

The plant will operate with multiple shifts so not all employees will be onsite at the same time, although more will be onsite during normal business hours than during off-shifts.

### 1.5.5 Fencing and Design

VVBF is located within the VVWRA site, which is already fenced with a gate to control access.

### 1.5.6 Traffic Summary

The operations of the VVBF will include an average of 76 truck roundtrips per day (including off-hauling of residuals and end-products), ranging from 60 to 90 truck roundtrips per day. **Table 1-5** provides a summary of estimated daily and annual traffic activity for the VVBF Project operations.

**Table 1-5 Traffic Activity Estimates for Project Operations**

Activity	Inbound or Outbound	TPD	Trucks/Day	Days/Week	Trucks/Year
Organics (solid)	Inbound	700	30	5.5	8,580
Liquid waste	Inbound	200	10	5.5	2,860
Biosolids (excluding VVWRA)	Inbound	550	25	6	7,176
Landfill bound waste (plastics, rejects, waste)	Outbound	110 TPD	5	6	1,560
Dried Solids	Outbound	65 TPD	3	6	936
Biochar	Outbound	71 TPD	3	6	936
<b>Total</b>			<b>76</b>		<b>22,048</b>

### 1.5.7 Project Design Features

The following Project design features are included as part of the project description and include the following:

**Develop Worker Environmental Awareness Program:** Prior to the start of construction, a Worker Environmental Awareness Program (WEAP) will be developed. A qualified biologist with experience with the sensitive biological resources in the region will present the WEAP to all personnel working in the project area (either temporarily or permanently) prior to the start of project activities. This briefing shall include provisions of any requirements required for the project. The WEAP may be videotaped and used to train newly hired workers or those workers not present for the initial WEAP. The contractor shall implement WEAP training on the first day of work and periodically throughout construction as needed. The WEAP would include, but will not be limited to, information on general and special status species within the project area—including but not limited to desert tortoise, burrowing owl, southwestern willow flycatcher, least Bell’s vireo, desert kit fox, Mohave ground squirrel, and nesting birds—identification of these species and their habitats, techniques being implemented during construction to avoid impacts to species, consequences of killing or injuring an individual of a listed species, and reporting procedures when encountering listed or sensitive species. Construction crews, foremen, and other personnel potentially working on site will attend this education program and place their name on a sign-in sheet.

To ensure that no net loss of function and value will occur as a result of the Project, site facilities, equipment staging areas, and excavated soil stockpiles shall be microsited outside stream channels and floodplain areas. Buffer areas shall be identified, and exclusion fencing shall be used to protect the water resource and prevent

unauthorized vehicles or equipment from entering or otherwise disturbing the surface waters. Equipment shall use existing roadways to the extent feasible.

**Aquatic Resources Best Management Practices:** Access roads proposed for the Project include existing dirt roads which are compacted by use and have been present for several years. According to mapping of the biological resources in the Project vicinity, these dirt roads are located within close proximity to several small ephemeral streams that would be considered as jurisdictional to the U.S. Army Corps of Engineers, Lahontan Regional Water Quality Control Board and California Department of Fish and Wildlife. If these streams are altered or filled in any way by the Project, this would require regulatory permitting with the aforementioned agencies. Therefore, all streams and potentially jurisdictional feature are intended to be avoided by the project, through use of the following Best Management Practices (BMPs).

- a. All ground-based equipment and vehicles will stay on designated, existing dirt roads within the VVWRA boundaries. No new roads will be created and existing roads will not be widened.
- b. A Storm Water Pollution Prevention Plan that establishes BMPs to deal with stormwater runoff will be prepared and followed in order to minimize soil erosion and avoid any stormwater runoff into jurisdictional features.
- c. All staging of construction materials will be located within the VVWRA boundaries and outside of jurisdictional features.
- d. An erosion control plan will be developed to prevent road maintenance and project-related, road use-generated erosion from entering stream courses.
- e. Operations will be scheduled for when rain, runoff, or wet soils, are less likely. Use of access roads shall be scheduled for when rain, runoff, or wet soils, are less likely. Seasonal weather restrictions shall be followed in the wet weather operation section of the erosion control plan.
- f. Service and refueling areas will be established at least 100 meters away from wet areas and surface flow.
- g. All construction activities will remain at least 25 feet away from any jurisdictional streams.
- h. Live vegetation located in and near jurisdictional features will not be thinned, modified or pruned.

## 1.6 Permits and Regulatory Programs

The Project will be subject to the following permit requirements and regulatory programs:

- ▶ VVWRA: CEQA Lead Agency approval, easement approvals, and lease agreement
- ▶ Mojave Desert Air Quality Management District: air permits
- ▶ CalRecycle / San Bernardino County LEA: solid waste facilities permit
- ▶ Santa Ana Regional Water Quality Control Board: National Pollution Discharge Elimination System (NPDES), Waste Discharge Requirements (WDRs), Stormwater Pollution Prevention Plans (construction and operation) – assume operating under VVWRA’s general permit(s)
- ▶ Southwest Gas: agreement for interconnection
- ▶ SCE: new electric service
- ▶ City of Victorville: building permits, encroachment permits
- ▶ California Air Resources Board: Low Carbon Fuel Standard, pathway certification
- ▶ CalRecycle: grant approvals
- ▶ Solar fields: a grid parallel operation to service VVBF and excess to VVWRA and agreement with SCE
- ▶ City of Victorville Fire Department: Certified Unified Program Agency–related responsibilities, hazardous materials business plan (HMBP), and accessible fire lane.

## 2. CEQA ENVIRONMENTAL CHECKLIST

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### 2.1 Introduction

This CEQA Environmental Checklist has been drafted to support the VVBF Project (or proposed Project) approval by VVWRA. CEQA and Public Resources Code Section 21000 et seq., require the evaluation of the potential environmental impacts of proposed projects and identification and implementation of feasible methods to reduce, avoid, or eliminate significant adverse impacts of these projects. The lead agency is the public agency that has the principal responsibility for carrying out or approving a Project that may have a significant adverse effect upon the environment (Public Resources Code Section 21067).

### 2.2 Environmental Factors Potentially Affected

Several of the environmental factors listed below are checked because it was found that these resource areas would be potentially affected by the proposed Project, as indicated by the review of the environmental checklist questions in the following section and so mitigation measures are proposed to reduce those potential impacts to a less than significant level.

- |                                                          |                                                            |                                                                   |
|----------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------|
| <input type="checkbox"/> Aesthetics                      | <input type="checkbox"/> Agricultural and Forest Resources | <input checked="" 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 checked="" type="checkbox"/> Hazards & Hazardous Materials |
| <input type="checkbox"/> Hydrology / Water Quality       | <input type="checkbox"/> Land Use / Planning               | <input type="checkbox"/> Mineral Resources                        |
| <input checked="" type="checkbox"/> Noise                | <input type="checkbox"/> Population / Housing              | <input type="checkbox"/> Public Services                          |
| <input type="checkbox"/> Recreation                      | <input type="checkbox"/> Transportation / Traffic          | <input checked="" type="checkbox"/> Tribal Cultural Resources     |
| <input type="checkbox"/> Utilities / Service Systems     | <input type="checkbox"/> Wildfire                          | <input type="checkbox"/> Mandatory Findings of Significance       |

## 2.3 CEQA Environmental Checklist

### I. Aesthetics

#### Aesthetics Checklist Questions

<b>I. Aesthetics</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) In nonurbanized area, substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### Significance Criteria

The proposed Project impacts on aesthetics will be considered significant if

- ▶ The proposed Project would block views from a scenic highway or corridor.
- ▶ The proposed Project would adversely affect the visual continuity of the surrounding area.
- ▶ The proposed Project would conflict with applicable zoning and other regulations governing scenic quality.
- ▶ The proposed Project would add lighting that would add glare to residential areas or sensitive receptors.
- ▶ The proposed Project would minimize the visual character of historic properties visible to the public from streets and other properties.

#### Background

The topography of the area is generally flat, with a modestly hilled area approximately 1 mile to the east of the proposed Project site. Immediately to the east of the proposed Project site is VVWRA’s Wastewater Treatment Plant (WWTP). Beyond VVWRA’s WWTP is the Mojave River, and further east is the U.S. Route 66, this section of which is not designated as Scenic Highway (California Department of Transportation, July 2019). The Southern California Logistics Airport (SCLA) is located approximately 1 to 2 miles to the southwest and the community of Oro Grande is located approximately 1.5 miles to the southeast on the other side of the Mojave River. Due to elevation changes, the VVWRA facility (which includes the VVBF Project) is not generally visible from this community. Generally, the area is characterized by an industrialized visual setting from the VVWRA operations and neighboring industrial activities, with the qualities outside of industrialized areas of the high-desert, which includes sparsely vegetated vacant land.

### **Checklist question Ia: Less than Significant Impact**

The VVBF Project site is predominantly surrounded by undeveloped land to the west, north, and south, with the VVWRA facility located to the east of the Project site. There is sparse industrial development farther southeast, across the Mojave River. Approximately 1 mile to the southwest is the SCLA, which is the former George Air Force Base, and approximately 1.5 miles to the southeast is a cement plant. Moreover, the proposed Project site is already developed as a series of holding ponds in support of the VVWRA WWTP operations.

Adverse impacts to scenic vistas can occur in one of two ways. First, an area itself may contain existing scenic vistas that would be altered by new development. A review of the Project area determined that there are no scenic vistas within the Project site. The VVBF site is already developed as a series of holding ponds in support of the VVWRA WWTP operations, and therefore no scenic vistas are located internal to the Project site. A scenic vista impact can also occur when a scenic vista can be viewed from the Project area or immediate vicinity and a proposed development may interfere with the view to a scenic vista. As stated above, the proposed Project is located in an area surrounded in 2 directions (south and east) by development within the VVWRA owned and operated site, including the various components of VVWRA's wastewater treatment plant operations, and a composting site to the south. To the north and west is relatively undisturbed desert containing sparse native vegetation. Given the disturbed nature of the overall Project area, no scenic vistas have been identified that would be impacted by the expansion of the VVBF area of operations. Furthermore, given that the adjacent uses are highly disturbed to the north and east, and that the proposed Project would conform to the existing and surrounding uses, the proposed Project would have a less than significant potential to impact a scenic vista. No mitigation is required.

### **Checklist question Ib: Less than Significant Impact**

The VVBF Project footprint does not contain any scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway corridor. No scenic resources, such as historical buildings, trees, or rock outcropping, would be removed, altered, or obstructed as part of the proposed Project. The Project is already developed as a series of holding ponds in support of the VVWRA WWTP operations within which it operates its wastewater treatment plant. As described in the environmental setting above, there are no state scenic highways within the vicinity of the Project site, and as such no scenic resources within a scenic highway corridor would be impacted. Furthermore, as the site is already developed and utilized as part of VVWRA's existing operations, there are no scenic resources or historic buildings that would be altered by the proposed Project. Therefore, given that no other known scenic resources exist within or adjacent to the Project site, there is a less than significant potential to substantially damage scenic resources within a state scenic highway corridor. No mitigation is required.

### **Checklist question Ic: Less than Significant Impact**

The VVBF Project site is located within the VVWRA WWTP site, which is located in a relatively rural area with industrial uses and native desert land in the site's immediate surroundings. The area surrounding the Project is sparsely populated due to the industrial type of development that exists in this area. As such, the operational area for the VVBF would not substantially change the visual character of this site because the adjacent site contains the VVWRA WWTP operations, and the VVBF would be visually similar to that which exists at present and in the surrounding area. As such, the VVBF Project would not alter the visual character or public views to the site because of the similar development that surrounds the site. As such the proposed VVBF is anticipated to blend in with the existing visual setting, and as a result, impacts to the visual character and quality of public views of the site are considered less than significant. No mitigation is required.

### **Checklist question Id: Less than Significant Impact**

The maximum operating schedule for the proposed VVBF Project will be 24 hours per day, 365 days per year and would require lighting during the non-daytime hours of operation, which is anticipated to be consistent relative to the VVWRA WWTP operations, but would, regardless, increase the amount of ambient light visible at the site during nighttime hours. However, because the VVBF Project will be developed at an existing industrialized facility, it is expected that the lighting requirements of the proposed operations would not differ significantly from current operations at the VVWRA property and surrounding industrial facilities. Additionally, there are no residential units or sensitive receptors in the immediate area, with the nearest being located approximately 1.5 miles to the southeast within the community of Oro Grande. While the VVBF Project may include some new exterior lighting, the proposed Project would not create a new source of significant lighting or expose residential units or sensitive receptors to increased glare. For these reasons, the VVBF Project would have less than significant lighting and glare impacts.

## II. Agriculture and Forestry Resources

### Agriculture and Forestry Resources Checklist Questions

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

### Background

The proposed site for the VVBF Project lies on land currently designated by the City of Victorville for "Open Space and Specific Plan (SCLA), and zoned for Exclusive Agriculture and Specific Plan (SCLA). The proposed Project site itself is already developed as a series of holding ponds for the VVWRA.

### Checklist questions IIa: Less Than Significant Impact

The VVBF Project site is located entirely within the boundaries of an existing industrial facility. The proposed Project is located within a site designated for Open Space and Specific Plan (SCLA) and zoned for Exclusive Agriculture and Specific Plan (SCLA). Though the site is zoned for Exclusive Agriculture use, the Project site is currently owned and operated as part of VVWRA's wastewater treatment site, and as such this land is land use independent. Regardless, according to the California Department of Conservation California Important Farmland Finder, the Project site is located within an area designated as "Urban Land," which is not a type of Prime Farmland, Unique Farmland or Farmland of Statewide Importance. Furthermore, given the Project's location within an established site, there is no potential to utilize this site for agricultural purposes at this time. As such, no adverse impact to any agricultural resources would occur from implementing the proposed Project. No mitigation is required.

### **Checklist question IIb: Less Than Significant Impact**

There are no agricultural uses currently on the Project site or on adjacent properties. The Project site is zoned for Exclusive Agriculture use, and the land use designations are Open Space and Specific Plan (SCLA). As stated above, while the zoning classification allows agricultural use, the area within which the VVBF Project will be developed is located within VVWRA's wastewater treatment operations site, which does not support any agricultural operations. Additionally, according to the City of Victorville's development code, the proposed VVBF is considered a conditionally allowable use within the Exclusive Agriculture use. Furthermore, the proposed Project is not located on a site that contains any Williamson Act contracts. Therefore, there is a less than significant potential for a conflict between the proposed Project and agricultural zoning or Williamson Act contracts within the Project area. No mitigation is required.

### **Checklist question IIc: No Impact**

Please refer to sections a) and b) above. The Project site is zoned for Exclusive Agriculture use, and the land use designations are Open Space and Specific Plan (SCLA). None of these land uses or zoning classifications support forest land or timberland uses or designations. No potential exists for a conflict between the proposed Project and forest/timberland zoning. No mitigation is required.

### **Checklist question IIId: No Impact**

There are no forest lands within the Project area because the Project area is urbanized and located in the high desert. No potential for loss of forest land would occur if the Project is implemented. No mitigation is required.

### **Checklist question IIe: No Impact**

Though the proposed VVBF site is zoned for Exclusive Agriculture use, the Project site and surrounding area do not currently support either agricultural or forestry uses. Furthermore, because the Project site will be utilized to expand a biogas production operation, which is considered a "Facility" use that is conditionally allowed under the Exclusive Agriculture zoning classification. As such, implementation of the proposed Project is anticipated to have a less than significant potential to cause or result in the conversion of farmland or forest land to alternative use. No adverse impact would occur. No mitigation is required.

### III. Air Quality

#### Air Quality Checklist Questions

III. Air Quality Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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"/>
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is non-attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**NOTE:** This section is based on the VVBF Project Air Quality and Greenhouse Gas Technical Report (Appendix 1).

### Background

#### *Climate*

The climate of the Victor Valley, technically called an interior valley subclimate of Southern California's Mediterranean-type climate, is characterized by hot summers, mild winters, infrequent rainfall, moderate afternoon breezes, and generally fair weather. The clouds and fog that form along the Southern California coastline rarely extend across the mountains to Victorville and surrounding high desert communities. The most important local weather pattern is associated with the funneling of the daily onshore sea breeze through El Cajon Pass into the upper desert to the northeast of the heavily developed portions of the Los Angeles Basin. This daily airflow brings polluted air into the area late in the afternoon from late spring to early fall. This transport pattern creates both unhealthy air quality and also destroys the scenic vistas of the mountains surrounding the Victor Valley.

#### *Air Quality Standards*

Monitored air quality is evaluated and in the context of ambient air quality standards. These standards are the levels of air quality that are considered safe, with an adequate margin of safety, to protect the public health and welfare. National Ambient Air Quality Standards (NAAQS) and California Ambient Air Quality Standards (CAAQS) currently in effect are shown in **Table 2-1**. Because the State of California had established Ambient Air Quality Standards (AAQS) several years before the federal action and because of unique air quality problems introduced by the restrictive dispersion meteorology, there is considerable difference between state and national clean air standards. Those standards currently in effect in California are shown in **Table 2-1**. Sources and health effects of various pollutants are shown in **Table 2-2**.

Of the standards shown in **Table 2-1**, those for ozone (O3), and particulate matter (PM-10) are exceeded at times in the Mojave Desert Air Basin (MDAB). They are called “non-attainment pollutants.” Because of the variations in both the regional meteorology and in area-wide differences in levels of air pollution emissions, patterns of non-attainment have strong spatial and temporal differences.

**Table 2-1 Ambient Air Quality Standards**

Pollutant	Average Time	California Standards <sup>1</sup>		National Standards <sup>2</sup>		
		Concentration <sup>3</sup>	Method <sup>4</sup>	Primary <sup>3,5</sup>	Secondary <sup>3,6</sup>	Method <sup>7</sup>
<b>Ozone (O3)</b> <sup>8</sup>	1 Hour	0.09 ppm (180 µg/m <sup>3</sup> )	Ultraviolet Photometry	–	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m <sup>3</sup> )		0.070 ppm (137 µg/m <sup>3</sup> )		
<b>Respirable Particulate Matter (PM10)</b> <sup>9</sup>	24 Hour	50 µg/m <sup>3</sup>	Gravimetric or Beta Attenuation	150 µg/m <sup>3</sup>	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m <sup>3</sup>		–		
<b>Fine Particulate Matter (PM2.5)</b> <sup>9</sup>	24 Hour	–	–	35 µg/m <sup>3</sup>	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m <sup>3</sup>	Gravimetric or Beta Attenuation	12.0 µg/m <sup>3</sup>	15.0 µg/m <sup>3</sup>	
<b>Carbon Monoxide (CO)</b>	1 Hour	20 ppm (23 mg/m <sup>3</sup> )	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m <sup>3</sup> )	–	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9 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> )		–	–	
<b>Nitrogen Dioxide (NO2)</b> <sup>10</sup>	1 Hour	0.18 ppm (339 µg/m <sup>3</sup> )	Gas Phase Chemiluminescence	100 ppb (188 µg/m <sup>3</sup> )	–	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m <sup>3</sup> )		0.053 ppm (100 µg/m <sup>3</sup> )	Same as Primary Standard	
<b>Sulfur Dioxide (SO2)</b> <sup>11</sup>	1 Hour	0.25 ppm (655 µg/m <sup>3</sup> )	Ultraviolet Fluorescence	75 ppb (196 µg/m <sup>3</sup> )	–	Ultraviolet Fluorescence; Spectrophotometry (Paraosanine Method)
	3 Hour	–		–	0.5 ppm (1300 µg/m <sup>3</sup> )	
	24 Hour	0.04 ppm (105 µg/m <sup>3</sup> )		0.14 ppm (for certain areas) <sup>11</sup>	–	
	Annual Arithmetic Mean	–		0.030 ppm (for certain areas) <sup>11</sup>	–	
<b>Lead 8</b> <sup>12,13</sup>	30-Day Average	1.5 µg/m <sup>3</sup>	Atomic Absorption	–	–	–
	Calendar Quarter	–		1.5 µg/m <sup>3</sup> (for certain areas) <sup>12</sup>	Same as Primary Standard	High Volume Sampler and Atomic Absorption
	Rolling 3-Month Avg	–		0.15 µg/m <sup>3</sup>		
<b>Visibility Reducing Particles</b> <sup>14</sup>	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	<b>No Federal Standards</b>		
<b>Sulfates</b>	24 Hour	25 µg/m <sup>3</sup>	Ion Chromatography			
<b>Hydrogen Sulfide</b>	1 Hour	0.03 ppm (42 µg/m <sup>3</sup> )	Ultraviolet Fluorescence			
<b>Vinyl Chloride</b> <sup>12</sup>	24 Hour	0.01 ppm (26 µg/m <sup>3</sup> )	Gas Chromatography			

Footnotes

1 California standards for ozone, carbon monoxide (except Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, suspended particulate matter – PM10, PM2.5, and visibility reducing particles, are values that are not to be exceeded. All others are not to be equaled

or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

- 2 National standards (other than ozone, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest eight hour concentration in a year, averaged over three years, is equal to or less than the standard. For PM<sub>10</sub>, the 24-hour standard is attained when the expected number of days per calendar year, with a 24-hour average concentration above 150 µg/m<sup>3</sup>, is equal to or less than one. For PM<sub>2.5</sub>, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over 3 years, are equal to or less than the standard. Contact U.S. EPA for further clarification and current federal policies.
- 3 Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.
- 4 Any equivalent procedure which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
- 5 National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
- 6 National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
- 7 Reference method as described by the EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the EPA.
- 8 On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
- 9 On December 14, 2012, the national PM<sub>2.5</sub> primary standard was lowered from 15 µg/m<sup>3</sup> to 12.0 µg/m<sup>3</sup>. The existing national 24-hour PM<sub>2.5</sub> standards (primary and secondary) were retained at 35 µg/m<sup>3</sup>, as was the annual secondary standard of 15 µg/m<sup>3</sup>. The existing 24-hour PM<sub>10</sub> standards (primary and secondary) of 150 µg/m<sup>3</sup> also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
- 10 To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the national 1-hour standard to the California standards the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.
- 11 On June 2, 2010, a new 1-hour SO<sub>2</sub> standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO<sub>2</sub> national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.  
Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
- 12 The ARB has identified lead and vinyl chloride as 'toxic air contaminants' with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
- 13 The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m<sup>3</sup> as a quarterly average) remains in effect until one year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.
- 14 In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

**Table 2-2 Health Effects of Major Criteria Pollutants**

<b>Pollutants</b>	<b>Sources</b>	<b>Primary Effects</b>
Carbon Monoxide (CO)	<ul style="list-style-type: none"> <li>• Incomplete combustion of fuels and other carbon-containing substances, such as motor exhaust.</li> <li>• Natural events, such as decomposition of organic matter.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced tolerance for exercise.</li> <li>• Impairment of mental function.</li> <li>• Impairment of fetal development.</li> <li>• Death at high levels of exposure.</li> <li>• Aggravation of some heart diseases (angina).</li> </ul>
Nitrogen Dioxide (NO <sub>2</sub> )	<ul style="list-style-type: none"> <li>• Motor vehicle exhaust.</li> <li>• High temperature stationary combustion.</li> <li>• Atmospheric reactions.</li> </ul>	<ul style="list-style-type: none"> <li>• Aggravation of respiratory illness.</li> <li>• Reduced visibility.</li> <li>• Reduced plant growth.</li> <li>• Formation of acid rain.</li> </ul>
Ozone (O <sub>3</sub> )	<ul style="list-style-type: none"> <li>• Atmospheric reaction of organic gases with nitrogen oxides in sunlight.</li> </ul>	<ul style="list-style-type: none"> <li>• Aggravation of respiratory and cardiovascular diseases.</li> <li>• Irritation of eyes.</li> <li>• Impairment of cardiopulmonary function.</li> <li>• Plant leaf injury.</li> </ul>
Lead (Pb)	<ul style="list-style-type: none"> <li>• Contaminated soil.</li> </ul>	<ul style="list-style-type: none"> <li>• Impairment of blood function and nerve construction.</li> <li>• Behavioral and hearing problems in children.</li> </ul>
Fine Particulate Matter (PM-10)	<ul style="list-style-type: none"> <li>• Stationary combustion of solid fuels.</li> <li>• Construction activities.</li> <li>• Industrial processes.</li> <li>• Atmospheric chemical reactions.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced lung function.</li> <li>• Aggravation of the effects of gaseous pollutants.</li> <li>• Aggravation of respiratory and cardio respiratory diseases.</li> <li>• Increased cough and chest discomfort.</li> <li>• Soiling.</li> <li>• Reduced visibility.</li> </ul>
Fine Particulate Matter (PM-2.5)	<ul style="list-style-type: none"> <li>• Fuel combustion in motor vehicles, equipment, and industrial sources.</li> <li>• Residential and agricultural burning.</li> <li>• Industrial processes.</li> <li>• Also, formed from photochemical reactions of other pollutants, including NO<sub>x</sub>, sulfur oxides, and organics.</li> </ul>	<ul style="list-style-type: none"> <li>• Increases respiratory disease.</li> <li>• Lung damage.</li> <li>• Cancer and premature death.</li> <li>• Reduces visibility and results in surface soiling.</li> </ul>
Sulfur Dioxide (SO <sub>2</sub> )	<ul style="list-style-type: none"> <li>• Combustion of sulfur-containing fossil fuels.</li> <li>• Smelting of sulfur-bearing metal ores.</li> <li>• Industrial processes.</li> </ul>	<ul style="list-style-type: none"> <li>• Aggravation of respiratory diseases (asthma, emphysema).</li> <li>• Reduced lung function.</li> <li>• Irritation of eyes.</li> <li>• Reduced visibility.</li> <li>• Plant injury.</li> <li>• Deterioration of metals, textiles, leather, finishes, coatings, etc.</li> </ul>

Source: California Air Resources Board, 2002.

Evaluation of the most current data on the health effects of inhalation of fine particulate matter prompted the California Air Resources Board (CARB) to recommend adoption of the statewide PM-2.5 standard that is more stringent than the federal standard. This standard was adopted in 2002. The State PM-2.5 standard is more of a goal in that it does not have specific attainment planning requirements like a federal clean air standard, but only requires continued progress towards attainment.

Similarly, the CARB extensively evaluated health effects of ozone exposure. A new state standard for an 8-hour ozone exposure was adopted in 2005, which aligned with the exposure period for the federal 8-hour standard. The California 8-hour ozone standard of 0.07 ppm is more stringent than the federal 8-hour standard of 0.075 ppm. The state standard, however, does not have a specific attainment deadline. California air quality jurisdictions are required to make steady progress towards attaining state standards, but there are no hard deadlines or any consequences of non-attainment. During the same re-evaluation process, the CARB adopted an annual state standard for nitrogen dioxide (NO<sub>2</sub>) that is more stringent than the corresponding federal standard, and strengthened the state one-hour NO<sub>2</sub> standard.

As part of EPA's 2002 consent decree on clean air standards, a further review of airborne particulate matter (PM) and human health was initiated. A substantial modification of federal clean air standards for PM was promulgated in 2006. Standards for PM-2.5 were strengthened, a new class of PM in the 2.5 to 10 micron size was created, some PM-10 standards were revoked, and a distinction between rural and urban air quality was adopted. In December 2012, the federal annual standard for PM-2.5 was reduced from 15 µg/m<sup>3</sup> to 12 µg/m<sup>3</sup> which matches the California AAQS. The severity of the basin's non-attainment status for PM-2.5 may be increased by this action and thus require accelerated planning for future PM-2.5 attainment.

Air quality impacts from VVWRA projects within City of Victorville are controlled through policies and provisions of the City of Victorville's General Plan (City of Victorville, 2008) and MDAQMD's Applicable State Implementation Plan and SBCOG and San Bernardino County Transportation Authority's (SBCTA's) 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy (SCAG, 2020). In order to demonstrate that a proposed Project would not cause further air quality degradation in either the MDAQMD's plan to improve air quality within the air basin or the federal requirements to meet certain air quality compliance goals, each Project should also demonstrate consistency with the MDAQMD's adopted air quality plans for O<sub>3</sub> and PM<sub>10</sub>. The MDAQMD is required to submit a "Rate of Progress" document to CARB that demonstrates past and planned progress toward reaching attainment for all criteria pollutants. The California Clean Air Act requires air pollution control districts with severe or extreme air quality problems to provide for a 5-percent reduction in nonattainment emissions per year. MDAQMD's adopted air quality plans for O<sub>3</sub> and PM<sub>10</sub> for the MDAB complies with this requirement. CARB reviews, approves, or amends the document and forwards the plan to the United States Environmental Protection Agency (U.S. EPA) for final review and approval within the State Implementation Plan (SIP).

Air pollution sources associated with stationary sources are regulated through the permitting authority of the MDAQMD under Regulation II, List and Criteria Identifying Information Required of Applicants Seeking a Permit to Construct from the MDAQMD, and related rules (Rule 201 through Rule 222). Owners of any new or modified equipment that emits, reduces, or controls air contaminants, except those specifically exempted by the MDAQMD, are required to apply for an Authority to Construct and Permit to Operate (MDAQMD Rule 201 and Rule 203). Through this permitting mechanism, which includes compliance with applicable rules and regulations, the MDAQMD would ensure that all stationary sources within the Project area would be subject to the standards of the MDAQMD to ensure that new developments do not result in net increases in stationary sources of criteria air pollutants.

## Environmental Setting

Air quality in the Mojave Desert Air Basin (MDAB) is monitored by the MDAQMD, which operates six permanent air monitoring stations throughout the MDAQMD jurisdiction (MDAQMD, 2022). For the purposes of background data and this air quality analysis, this analysis relied on data collected in the last three years for the CARB monitoring station that is in the closest proximity to the proposed Project site. **Table 2-3** presents a summary of 2019 through 2021 air quality data (the latest data available) for O<sub>3</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, CO, and NO<sub>2</sub> from MDAQMD's monitoring station Victorville - Park Avenue (Station #36306).

**Table 2-3 Existing Ambient Air Quality Monitoring Station in Project Area**

Pollutant and MDAQMD Monitoring Station Location	Maximum Concentration (ppm)			Days Exceeding Standard		
	2019	2020	2021	2019	2020	2021
<b>O3 – 1-hour CAAQS (0.09 ppm)</b>						
Victorville – 14306 Park Avenue	0.104	0.112	0.112	3	4	8
<b>O3 – 8-hour CAAQS (0.07 ppm)</b>						
Victorville – 14306 Park Avenue	0.082	0.095	0.098	34	38	35
<b>O3 – 8-hour NAAQS (0.070 ppm)</b>						
Victorville – 14306 Park Avenue	0.081	0.094	0.098	29	35	34
<b>PM10 – 24-hour CAAQS (50 µg/m³)</b>						
Victorville – 14306 Park Avenue	*	*	*	*	*	*
<b>PM10 – 24-hour NAAQS (150 µg/m³)</b>						
Victorville – 14306 Park Avenue	170.0	261.4	591.6	2	2	1
<b>PM2.5 - 24-hour NAAQS (35 µg/m³)</b>						
Victorville – 14306 Park Avenue	17.8	48.4	87.1	0	4	1
<b>CO - 8-Hour CAAQS &amp; NAAQS (9.0 ppm)</b>						
No data collected	--	--	--	--	--	--
<b>NO2 - 1-Hour CAAQS (0.18 ppm)</b>						
Victorville – 14306 Park Avenue	0.056	0.059	0.056	0	0	0
<b>NO2 - 1-Hour NAAQS (0.10 ppm)</b>						
Victorville – 14306 Park Avenue	0.056	0.0594	0.0566	0	0	0
<b>SO2 – 24-hour Concentration - CAAQS (0.04 ppm) &amp; NAAQS (0.14 ppm)</b>						
No data collected	--	--	--	--	--	--
<b>Pb - Maximum 30-Day Concentration CAAQS (1500 ng/m³)</b>						
No data collected	--	--	--	--	--	--

Key: µg/m³ = micrograms per cubic meter

ng/m³ = nanograms per cubic meter

ppm = parts per million

Note: \* There was insufficient (or no) data available to determine the value.

Source: CARB 2022a, MDAQMD’s monitoring station Victorville - Park Avenue (Station #36306)

### Significance Criteria

The significance of potential impacts from construction, operational non-permitted equipment and activities, and operational permitted equipment and activities are evaluated separately. A Project would be determined to have a significant impact on air quality if the emissions sum for any criteria pollutant exceeds its respective threshold of significance. The MDAQMD thresholds of significance for criteria pollutant emissions are presented below in **Table 2-4**.

**Table 2-4 MDAQMD Significance Thresholds for Criteria Air Pollutants**

<b>Criteria Pollutant</b>	<b>Annual Threshold (tons)</b>	<b>Daily Threshold (pounds)</b>
Greenhouse Gases (CO <sub>2</sub> e)	100,000	548,000
Carbon Monoxide (CO)	100	548
Oxides of Nitrogen (NO <sub>x</sub> )	25	137
Volatile Organic Compounds (VOC)	25	137
Oxides of Sulfur (SO <sub>x</sub> )	25	137
Particulate Matter (PM <sub>10</sub> )	15	82
Particulate Matter (PM <sub>2.5</sub> )	12	65
Hydrogen Sulfide (H <sub>2</sub> S)	10	54
Lead (Pb)	0.6	3

Source: MDAQMD, 2020

**Checklist question IIIa: Less than Significant Impact**

State CEQA Guidelines and the federal Clean Air Act (Sections 176 and 316) contain specific references on the need to evaluate consistencies between the proposed Project and the applicable air quality attainment plans for the proposed Project site. To accomplish this, CARB has developed a three-step approach to determine Project conformity with the applicable air quality attainment plan (AQAP):

1. *Determination that an AQAP is being implemented in the area where the Project is being proposed.*  
The MDAQMD has implemented the current, modified State Implementation Plan (SIP) as approved by CARB.
1. *The proposed Project must be consistent with the growth assumptions of the applicable AQAP/SIP.*  
The proposed Project land use type would conform to the existing land use of the Project Site. The site is in an existing industrial area and the proposed bioenergy Project and solar fields operation is consistent with the existing VVWRA land uses. Therefore, growth assumptions in the City of Victorville General Plan will not need to be modified with the approval of the proposed Project.
2. *The Project must contain in its design all reasonably available and feasible air quality control measures.*  
The proposed Project incorporates various policy and rule-required design features that will reduce related emissions.

The California Clean Air Act and AQAP identify transportation control measures as methods to further reduce emissions from mobile sources. Strategies identified to reduce vehicular emissions, such as reductions in vehicle trips, vehicle use, vehicle miles traveled (VMT), vehicle idling, and traffic congestion, can be implemented as control measures under the California Clean Air Act in order to reduce vehicular emissions as well. This Project, specifically, will incorporate queuing space and traffic control measures to prevent/reduce idling.

As the modification of existing VVWRA operations represented by the proposed VVBF Project, and any future growth that may or may not result, is already included in the City of Victorville General Plan (2008) and the AQAP, conclusions may be drawn from the following criteria:

1. That, by definition, the anticipated emissions from the proposed VVBF Project are below the MDAQMD’s established emission impact thresholds.
2. That the primary source of emissions from the proposed Project will be production of biogas from existing organics waste streams currently being sent to landfills as well as motor vehicles that are licensed through the State of California and whose emissions are already incorporated into CARB’s Emissions Inventory for MDAB.

Based on these factors, the proposed VVBF Project is *consistent with the AQAP/SIP* and would therefore have less than significant impacts relating to potential conflicts with or obstruction of the applicable air quality plan.

**Checklist question IIIb: Less than Significant Impact**

Air pollution emissions associated with the proposed Project would occur over both a short and long-term time period. Short-term emissions include fugitive dust from construction activities (i.e., site prep, demolition, grading, and exhaust emission) at the proposed Project site. Long-term emissions generated by operation of the VVBF includes criteria pollutant emissions from the proposed operations.

**Construction Source Emissions**

The VVBF construction analysis uses California Emissions Estimator Model (CalEEMod) emission factors and methods approaches within a VVBF Project-specific excel workbook. The VVBF Team provided general equipment types and construction phasing assumptions which is the framework for developing the construction emissions. The VVBF Project-specific excel workbook uses Year 2023 off-road equipment emissions factors from CalEEMod v. 2022.1 and on-road fleet emissions factors from EMFAC2021. Construction worker travel emissions factors are from EMFAC2021 applying the average mix of light duty auto (LDA), light duty truck 1 (LDT1), and LDT2 vehicle categories. (CalEEMod v. 2022.1, CAPCOA, 2022; EMFAC 2021, California Air Resources Board (CARB) 2022)

Construction will start promptly when permits are obtained and financing is closed (anticipated to occur no later than Q2 of 2026). Construction will take about 24 months for the organics processing and is expected to be completed by Q2 2028, with commissioning complete in Q1 2029. Construction is expected to employ about 100 to 125 people, primarily contractors and subcontractors. Construction of the solar array will start after the organics processing and will take approximately 12 months to complete. It is anticipated that construction will occur in the following order shown in **Table 2-5**:

**Table 2-5 Construction Activities**

Phase	Activity	Duration (Weeks)	Equipment
1	Site Mobilization	1	
1	Site Demolition (Concrete and Demolition)	1	
1	Rough Grading and Excavation	6	Dozer Excavator (w/ Bucket) Scraper Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
1	Grading Soil Haul (if applicable)	6	Excavator Backhoe
1	Foundation (Building, Digester)	12	Excavator Backhoe
1	Underground Utilities (Utility Trenching)	24	Excavator (w/ Wheel) Skiploader 10 Wheel Dump Truck 2,000 Gal Water Truck Rubber Tire Backhoe
1	Building Construction	12	Cranes Forklifts Generator Sets Tractors/Loaders/Backhoes

Phase	Activity	Duration (Weeks)	Equipment
			Welders
1	Digester Construction	20	Cranes Forklifts Generator Sets Tractors/Loaders/Backhoes Welders
1	Equipment Installation	26	Cranes Forklifts Generator Sets Tractors/Loaders/Backhoes Welders
1	Process Piping & Electrical	12	Forklift Welder
1	Perimeter Walls & Fencing	6	Skid steer
1	Prep Grade for Asphalt Paving & Fine Grading	8	Asphalt Compactor Vibratory Roller/Compactor Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
1	Asphalt Paving / Hardscape	12	Asphalt Compactor Vibratory Roller/Compactor Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
1	Fine Grading / Landscaping	4	Skid Steer Rubber Tire Backhoe
1	Pipeline Construction	6	Backhoe Dump truck Telehandler Welder
1	Organics Startup and Commissioning	25	Telehandler
2	Solar Grading	13	Dozer Excavator (w/ Bucket) Scraper Blade/Grader 10 Wheel Dump Truck 2,000 Gal Water Truck
2	Solar Mechanical Installation	13	Excavator Backhoe Forklift
2	Solar Electrical Wiring	13	Telehandler
2	Solar Commissioning	13	Telehandler

**Table 2-6** presents a summary of maximum daily and maximum annual construction emissions for the proposed VVBF Project.

**Table 2-6 Short-Term Project Emissions**

Emissions Source	Pollutant					
	ROG	NOx	CO	SOx	PM10	PM2.5
<b>Maximum Pounds per Day</b>						
Maximum daily construction emissions	1.35	11.66	12.77	0.03	1.07	0.45
<b>MDAQMD daily threshold</b>	137	137	548	137	82	65
<b>Is daily threshold exceed for a single day</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Maximum Tons Per Year</b>						
Maximum annual construction emissions	0.25	2.13	2.31	0.00	0.11	0.09
<b>MDAQMD daily threshold</b>	25	25	100	25	15	12
<b>Is threshold exceeded for a single year</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Source: Trinity Consultants 2023</i>						

As shown in **Table 2-6** construction-related estimated emissions would be less than the MDAQMD significance thresholds during any given day or year. Maximum Project-related air pollution emissions were compared to daily and annual MDAQMD thresholds. Maximum daily and annual emissions are less than significant. With the enhanced dust control mitigation measures listed below, construction activity air pollution emissions are not expected to exceed MDAQMD CEQA thresholds for any pollutant even if the phases are under simultaneous construction. Regardless, the PM-10 non-attainment status of the Mojave Desert area requires that Best Available Control Measures be used as required by the MDAQMD Rule 403. Therefore, the following mitigation measure shall be implemented.

**AQ-1 Fugitive Dust Control. The following measures shall be incorporated into Project plans and specifications for implementation during construction:**

- **Apply soil stabilizers to inactive areas.**
- **Prepare a high wind dust control plan and implement plan elements and terminate soil disturbance when winds exceed 25 mph.**
- **Stabilize previously disturbed areas if subsequent construction is delayed.**
- **Apply water to disturbed surfaces and haul roads 3 times/day.**
- **Replace ground cover in disturbed areas quickly.**
- **Reduce speeds on unpaved roads to less than 15 mph.**
- **Trenches shall be left exposed for as short a time as possible.**
- **Identify proper compaction for backfilled soils in construction specifications.**

***This measure shall be implemented during construction, and shall be included in the construction contract as a contract specification.***

**AQ-2 The following signage shall be erected no later than the commencement of construction, and shall be included in the construction contract as a contract specification: A minimum 48 inch high by 96 inch wide sign containing the following shall be located within 50 feet of each Project site entrance, meeting the specified minimum height text, black text on white background, on one inch A/C laminated plywood board, with the lower edge between six and seven feet above grade, identifying a responsible official for the site and local or toll free number that is accessible 24 hours per day:**

***"[Site Name] {four-inch text}***  
***[Project Name/Project Number] {four-inch text}***

***IF YOU SEE DUST COMING FROM {four-inch text}  
THIS PROJECT CALL: {six-inch text}  
[Contact Name], PHONE NUMBER {six-inch text}  
If you do not receive a response, Please Call {three-inch text}  
The MDAQMD at 1-800-635-4617 {three-inch text}”***

***Operational Scenario***

The facility will operate 24 hours per day, 365 days per year. The equipment may shut down periodically for planned and unplanned maintenance, but employees will be onsite at all times. Deliveries will be scheduled primarily during normal business hours. Business hours are from 6 AM to 10 PM for receipt of deliveries of feedstock.

Once operating, the facility will employ approximately 30 people with the following job functions:

- ▶ Operations
- ▶ Maintenance
- ▶ Management
- ▶ Environmental Health & Safety

The plant will operate with multiple shifts so not all employees will be onsite at the same time, although more will be onsite during normal business hours than during off-shifts.

The operations of the VVBF will include an average of 76 truck roundtrips per day (including off-hauling of residuals and end-products), ranging from 60 to 90 truck roundtrips per day. **Table 2-7** provides a summary of estimated daily and annual traffic activity for the VVBF Project operations.

**Table 2-7 Traffic Activity Estimates for Project Operations**

<b>Activity</b>	<b>Inbound or Outbound</b>	<b>TPD</b>	<b>Trucks/Day</b>	<b>Days/Week</b>	<b>Trucks/Year</b>
Organics (solid)	Inbound	700	30	5.5	8,580
Liquid waste	Inbound	200	10	5.5	2,860
Biosolids (excluding VVWRA)	Inbound	550	25	6	7,176
Landfill bound waste (plastics, rejects, waste)	Outbound	110 TPD	5	6	1,560
Dried Solids	Outbound	65 TPD	3	6	936
Biochar	Outbound	71 TPD	3	6	936
<b>Total</b>			<b>76</b>		<b>22,048</b>

Long-term emissions are caused by operational stationary equipment, and mobile sources and are estimated using Project parameters and accepted emission factors. The proposed Project is expected to have long-term air quality impacts as shown in **Table 2-8**. The estimated mobile and stationary source emission details are included in the AQIA provided as **Appendix 1** to this Initial Study.

**Table 2-8 VVBF Project Operation Emissions**

Emissions Source	Pollutant					
	ROG	NOx	CO	SOx	PM10	PM2.5 <sup>1</sup>
<b>Maximum Daily Pounds Per Day</b>						
Stationary source emissions	113.67	113.07	242.24	49.18	62.45	61.82
Mobile source emissions	0.13	10.16	2.32	0.14	0.17	0.16
Total daily operations emissions	113.80	123.22	244.56	49.33	62.62	61.98
<b>MDAQMD daily threshold</b>	<b>137</b>	<b>137</b>	<b>548</b>	<b>137</b>	<b>82</b>	<b>65</b>
Is threshold exceeded after mitigation?	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Maximum Tons Per Year</b>						
Stationary source emissions	16.91	14.10	26.69	3.80	9.65	9.56
Mobile source emissions	0.02	1.59	0.41	0.02	0.03	0.03
Total annual operations emissions	16.93	15.69	27.10	3.82	9.68	9.58
<b>MDAQMD annual threshold</b>	<b>25</b>	<b>25</b>	<b>100</b>	<b>25</b>	<b>15</b>	<b>12</b>
	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
Source: VVBF and Trinity Consultants 2023						
Note: 1. PM2.5 calculated from PM10 using a factor of 0.99 (South Coast AQMD, 2006)						

As shown in **Table 2-8** -related estimated emissions would be less than the MDAQMD significance thresholds during any given day or year. However, following mitigation measures shall be implemented to minimize operational dust emissions:

- AQ-3** *During Project operations a water truck shall be available on-site at all times for dust control.*
- AQ-4** *Additional wind breaks and/or fencing shall be developed in areas that are susceptible to high wind induced dusting, where required by VVWRA.*
- AQ-5** *All material transported off-site with dust blow off potential shall be sufficiently watered or securely covered in a manner that prevent dust from being generated.*
- AQ-6** *The Applicant shall obtain permits for any miscellaneous process equipment that may not be exempt under District Rule 219 including, but not limited to internal combustion engines with a manufacture’s maximum continuous rating greater than 50 brake horsepower. The Applicant does not anticipate the use of such equipment, but where such equipment is required, VVWRA shall require that the Applicant obtain the appropriate MDAQMD permit.*

With the implementation of the above mitigation measures, dust control prevention for the VVRCF Expansion Project will be effective. Mitigation measures **AQ-1** through **AQ-5** address fugitive dust. Fugitive dust contributes to particulate matter emissions. With the enhanced dust control mitigation measures listed above, construction and operational air pollution emissions are not expected to exceed MDAQMD CEQA thresholds for any pollutant even if the phases are under simultaneous construction. Regardless, the PM-10 non-attainment status of the Mojave Desert area requires use of Best Available Control Measures, as required by the MDAQMD Rule 403, which have been included as enforceable mitigation in the measures listed above.

### ***Cumulative Impact Conclusion***

By its very nature, air pollution has a cumulative impact. MDAQMD's nonattainment status is a result of past and present development within the MDAB. Furthermore, attainment of AAQS can be jeopardized by increasing emissions-generating activities in the region. No single Project would be sufficient in size, by itself, to result in nonattainment of the regional air quality standards. Instead, a Project's emissions may be individually limited, but cumulatively considerable when taken in combination with past, present, and future development within the MDAB. When assessing whether there is a new significant cumulative effect, the lead agency shall consider whether the incremental effects of a proposed Project are cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual Project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects (CCR Section 15064(h)(1)). Per CEQA Guidelines Section 15064(h)(3), a lead agency may determine that a Project's incremental contribution to a cumulative effect is not cumulatively considerable if the Project will comply with the requirements in a previously approved plan or mitigation program, including, but not limited to, an air quality attainment or maintenance plan that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the Project is located. The MDAQMD has established thresholds for individual projects and if the Project's emissions are below established thresholds, then the Project is considered to be in compliance with the AQMP and the Project's cumulative impacts are found to be less than cumulatively considerable.

As shown in **Table 2-6** and **Table 2-8** above, the proposed Project's estimated construction and operations emissions are below established MDAQMD thresholds. Further, the proposed VVBF Project is designed to redirect existing organics waste streams currently being disposed of in landfills and would redirect air emissions from regional landfills to the proposed Project site for the purpose of generating gas for injection into the Southwest Gas pipeline. For these reasons, the proposed Project's potential impacts would not be cumulatively considerable, and the potential cumulative impact would be less than significant.

### **Checklist question IIIc: Less than Significant Impact**

#### ***Sensitive Receptors***

Sensitive receptors are defined as locations where young children, chronically ill individuals, the elderly, or people who are more sensitive than the general population reside, such as schools, hospitals, nursing homes, and daycare centers. The proposed VVBF Project site is largely surrounded by undeveloped area surrounded by other industrial activities. The community of Oro Grande has the closest residences, schools, and medical facilities to the VVBF Project and is located approximately 1.5 miles from the Project site, which is more than 1,000 feet from the VVBF Project. Given that the distance between the proposed Project and the closest sensitive receptors is 1.5 miles, more than the required 1,000 feet, which means that the proposed Project would fall outside of the radius designated by MDAQMD, within which localized impacts to sensitive receptors would occur. Although there may be some air and odor emissions from the proposed Project, given that the location of the nearest residents, schools, medical centers and other potential sensitive receptors are more than 1.5 miles from the potential emission sources, the potential impact to sensitive receptors would be less than significant.

#### ***CO Hot Spots***

Ambient CO concentrations normally correspond closely to the spatial and temporal distributions of vehicular traffic. Relatively high concentrations of CO would be expected along heavily traveled roads and near busy intersections. CO concentrations are also influenced by wind speed and atmospheric mixing. CO concentrations may be more uniformly distributed when inversion conditions are prevalent in the valley. Under certain meteorological conditions, CO concentrations along a congested roadway or intersection may reach unhealthful levels for sensitive receptors, e.g., children, the elderly, hospital patients, etc. This localized impact

can result in elevated levels of CO, or “hot spots” even though concentrations at the closest air quality monitoring station may be below NAAQS and CAAQS.

The localized Project impacts depend on whether ambient CO levels in the Project vicinity would be above or below NAAQS. If ambient levels are below the standards, a Project is considered to have significant impacts if a Project’s emissions would exceed one or more of these standards. If ambient levels already exceed a State standard, a Project’s emissions are considered significant if they would be expected to increase one-hour CO concentrations by 10 ppm or more or eight-hour CO concentrations by 0.45 ppm or more. Typical criteria by which CO “hot spot” modeling should be considered include the following:

1. A traffic study for the Project indicates that the level of service (LOS) on one or more streets or at one or more intersections in the Project vicinity would be reduced to LOS E or F; or
2. A traffic study indicates that the Project would substantially worsen an already existing LOS F on one or more streets or at one or more intersections in the Project vicinity.

According to the Project proponent, at the time of this analysis no traffic impact study has been prepared for this proposed Project. Further, due to the location of the VVBF Project site and the fact that there is minimal development in the immediate vicinity and minimal regional traffic increase anticipated from the proposed Project as shown in **Table 2-7**, above, impacted intersections and roadway segments are anticipated to operate at an LOS of C or better. Further, the VVBF Project would divert truck trips that are already on regional roadways bound for area landfills. For these reasons, CO “hot spot” modeling was not conducted for this proposed Project and no concentrated excessive CO emissions are expected to be caused once the proposed Project is completed.

#### **Checklist question IIIId: Less than Significant Impact**

The Project site is located more than one mile from the nearest sensitive receptor. Because the volume of the materials that VVWRA will process will remain unchanged, the organic odor from the Project will remain effectively unchanged. There are no nearby sensitive receptors and no significant odor increase is expected above current levels. Odor controls measures such as facility enclosures and negative pressurization will also be employed.

## IV. Biological Resources

### Biological Resources Checklist Questions

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

**NOTE:** This checklist section is based on ECORP Consulting Inc.'s (ECORP) Biological Resources Technical Memo (Appendix 2).

### Property Characteristics

The Project site is located within the existing VVWRA facility and consists of disturbed and developed land. The Project site contains dirt access roads and eight existing wastewater treatment beds (in various stages of treatment). Small patches of non-native vegetation are present throughout the proposed Project site, primarily growing along the access roads and slopes of the wastewater treatment beds. However, these areas of vegetation do not comprise a vegetation community, nor do they provide ample habitat for native wildlife or

plant species. The VVWRA facility is surrounded by a chain-link fence and old, degraded desert tortoise fencing is present along portions of the northern and western fence lines. The existing tortoise fencing is deteriorated and no longer tortoise-proof in areas where it is buried or erosion has undermined the integrity of the fence. Outside of the fenced VVWRA facility, undeveloped desert scrub is present to the north and west, and riparian woodland in the Mojave River is present to the east. Directly adjacent to the Project site, within the survey buffer, concrete lined U-shaped ditches are present throughout the upland areas. These concrete lined ditches are likely a stormwater conveyance system, built to direct flow around the wastewater treatment beds and into the Mojave River. The greater area surrounding the Project site within a 1 to 2-mile radius contains existing development to the south, southwest, and west. The existing development consists of the American Organics facility and additional VVWRA ponds to the south, the Southern California Logistics Airport to the southwest, and the High Desert Solar Project gen-tie and facility to the west.

The Project site is primarily developed and contains no native vegetation communities; however, the southern portion of the Project site, along the southern access road, supports creosote bush scrub and Atriplex scrub communities. The terrain in the areas surrounding the Project site is variable and contains hills and washes, consisting of sandy loam soils. Three vegetation communities were identified within the 500-foot buffer surrounding the Project site: creosote bush scrub, Atriplex scrub, and riparian woodland. The plant species observed on the Project site were typical of the Mojave Desert and Mojave River and included creosote bush (*Larrea tridentata*), Allscale (*Atriplex polycarpa*), fourwing saltbush (*Atriplex canescens*), white bursage (*Ambrosia dumosa*), Rubber rabbitbrush (*Ericameria nauseosa*), Fremont's cottonwood (*Populus fremontii*), red willow (*Salix laevigata*), mulefat (*Baccharis salicifolia*), California bulrush (*Schoenoplectus californicus*), and cattails (*Typha* sp.).

The wildlife observed on the Project site were typical of the habitat present. Wildlife species observed during the biological resources survey included American coot (*Fulica americana*), black phoebe (*Sayornis nigricans*), common raven (*Corvus corax*), domestic dog (*Canis lupus familiaris*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), mourning dove (*Zenaida macroura*), red-tailed hawk (*Buteo jamaicensis*), Say's phoebe (*Sayornis saya*), white-crowned sparrow (*Zonotrichia leucophrys*), and yellow-rumped warbler (*Setophaga coronata*).

#### **Checklist question IVa: Less than Significant with Mitigation**

Implementation of the Project has a potential for a significant adverse effect, either directly or through habitat modifications, on species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife (CDFW) or United States Fish and Wildlife Service (USFWS). The Project would be installed within the existing open area northwest of the VVWRA WWTP headquarters within an area that is already developed as holding ponds.

The Biological Resources Assessment (BRA) provided as Appendix 2 to this Initial Study determined that, Of the 21 special-status wildlife species that appeared in the literature review and database searches for the Project site. Since the Project site is primarily developed, many of the special-status wildlife species identified in the literature were presumed absent from the Project site. However, due to the Project's proximity to undeveloped desert scrub and the Mojave River (including USFWS designated Critical Habitat for southwestern willow flycatcher), 8 special-status wildlife species have potential to occur on or adjacent to the Project site. A brief natural history and discussion of the special-status wildlife species that have potential to occur on or adjacent to the Project site can be found below:

**Desert tortoise.** Desert tortoise is a federally and state-listed (threatened) species. The desert tortoise is typically found in desert valleys with vegetation communities, such as alluvial fan, saltbush, creosote bush, desert scrub, and yucca woodlands. This species typically burrows in friable soil, under rocks, and along washes. Minimal suitable desert tortoise habitat is present in the southern portion of the Project site along the access road. Additionally, the areas surrounding the Project site contain suitable habitat. Although no desert tortoises or desert tortoise sign (e.g., scat, tracks, burrows) were observed during the biological

resource assessment, multiple recent records of this species have been documented within the vicinity of the Project site (CDFW 2022). The most recent California Natural Diversity Database (CNDDDB) record was observed in 2018 approximately 3.3 miles south of the Project site (CDFW 2022). The closest CNDDDB record was observed in 2008, less than 0.1 mile north of the Project site (CDFW 2022). Various barriers associated with the VVWRA facility including the chain-link fence, degraded desert tortoise fencing, and the concrete-lined U-shaped ditches limit the movement of desert tortoise into the Project site; however, these barriers only reduce access to the Project site and do not restrict or exclude the movement of desert tortoise into the Project site. It is possible this species could utilize the creosote bush scrub and Atriplex scrub habitat in the southern portion of Project site, but due to the disturbed nature of the Project site and various barriers, it is unlikely this species would occur on the Project site. However, there is still a low potential for Mojave desert tortoise to occur in the Project area and the following precautionary avoidance measures are recommended to ensure the Project does not result in any impacts to Mojave desert tortoise:

***BIO-1 Preconstruction surveys for Desert Tortoise shall be conducted no more than 14 days prior to new ground disturbance within each phase of development to verify that Mojave desert tortoise remain absent from the Project Area.***

***BIO-2 A biological monitor shall be present during the initial ground disturbing activities (clearing, grubbing and initial grading) to ensure no sensitive resources wander onto the site and to ensure no impacts will result during construction.***

Furthermore, the Worker Education Awareness Program (WEAP) that is considered to be a Project design feature (refer to **Section 1.5.7** of the Project Description) would further minimize potential impacts to desert tortoise through educating workers on the potential for this and other species to occur, and to inform workers what to do in the event that this and other species are found at the Project site.

**Burrowing owl.** The burrowing owl is a CDFW Species of Special Concern (SSC) (CDFW 2022). It is typically found in dry open areas with few trees and short grasses; it is also found in vacant lots near human habitation. It uses uninhabited mammal burrows for roosts and nests. It primarily feeds on large insects and small mammals but will also eat birds and amphibians. Minimal suitable burrowing owl habitat is present in the southern portion of the Project site adjacent to the access road. Additionally, the areas surrounding the Project site contain suitable habitat. Although no burrowing owls or burrowing owl sign (e.g., pellets, whitewash, burrows) were observed during the biological resource assessment, multiple recent records of this species have been documented within the vicinity of the Project site (CDFW 2022). The most recent record was observed in 2008 approximately 3.8 miles south of the Project site (CDFW 2022). The closest record was observed in 2002, approximately 0.6 mile west of the Project site (CDFW 2022). Due to the high mobility of this species, it is possible a burrowing owl could utilize the creosote bush scrub and Atriplex scrub habitat in the southern portion of the Project site while foraging or while moving through the area, but due to the disturbed nature of the Project site, it is unlikely that this species would nest on the Project site or use the developed and disturbed portions of the Project site. However, given previous studies and occurrences in the Project area, there may be a potential for this species to occur within the Project site. Although the Project is not likely to adversely affect burrowing owl, there is still a low potential for this species to occur in the Project area and the following precautionary avoidance measures are recommended to ensure the Project does not result in any impacts to burrowing owl:

***BIO-3 Preconstruction presence/absence surveys for burrowing owl shall be conducted no less than 14 days prior to any onsite ground disturbing activity by a qualified biologist. The burrowing owl surveys shall be conducted pursuant to the recommendations and guidelines established by the California Department of Fish and Wildlife in the "California Department of***

***Fish and Wildlife 2012 Staff Report on Burrowing Owl Mitigation.*** In the event this species is not identified within the Project limits, no further mitigation is required, and a letter shall be prepared by the qualified biologist documenting the results of the survey. The letter shall be submitted to CDFW prior to commencement of Project activities. If during the preconstruction survey, the burrowing owl is found to occupy the site, Mitigation Measure BIO-4 shall be required.

**BIO-4** If burrowing owls are identified during the survey period, VVRWA and/or the Applicant shall take the following actions to offset impacts prior to ground disturbance:

***Active nests within the areas scheduled for disturbance or degradation shall be avoided until fledging has occurred, as confirmed by a qualified biologist. Following fledging, owls may be passively relocated by a qualified biologist, as described below.***

***If impacts on occupied burrows are unavoidable, onsite passive relocation techniques may be used if approved by the CDFW to encourage owls to move to alternative burrows provided by VVRWA and/or the Applicant outside of the impact area.***

***If relocation of the owls is approved for the site by CDFW, CDFW shall require VVRWA and/or the Applicant to hire a qualified biologist to prepare a plan for relocating the owls to a suitable site and conduct an impact assessment. A qualified biologist shall prepare and submit a passive relocation program in accordance with Appendix E (i.e., Example Components for Burrowing Owl Artificial Burrow and Exclusion Plans) of the 2012 Staff Report on Burrowing Owl Mitigation (CDFG 2012) to the CDFW for review/approval prior to the commencement of disturbance activities onsite.***

***The relocation plan must include all of the following and as indicated in Appendix E:***

- ***The location of the nest and owls proposed for relocation.***
- ***The location of the proposed relocation site.***
- ***The number of owls involved and the time of year when the relocation is proposed to take place.***
- ***The name and credentials of the biologist who will be retained to supervise the relocation.***
- ***The proposed method of capture and transport for the owls to the new site.***
- ***A description of site preparation at the relocation site (e.g., enhancement of existing burrows, creation of artificial burrows, one-time or long-term vegetation control).***

***The applicant shall conduct an impact assessment, in accordance with the Staff Report on Burrowing Owl Mitigation prior to commencing Project activities to determine appropriate mitigation, including the acquisition and conservation of occupied replacement habitat at no less than a 2:1 ratio.***

***Prior to passive relocation, suitable replacement burrows site(s) shall be provided at a ratio of 2:1 and permanent conservation and management of burrowing owl habitat such that the habitat acreage, number of burrows and burrowing owl impacts are replaced consistent with the Staff Report on Burrowing Owl Mitigation including its Appendix A within designated adjacent conserved lands identified through coordination with CDFW and the VVRWA and/or the Applicant. A qualified biologist shall confirm the natural or artificial burrows on the conservation lands are suitable for use by the owls. Monitoring and management of the replacement burrow site(s) shall be conducted and a reporting plan shall be prepared. The objective shall be to manage the replacement burrow sites for the benefit of burrowing owls (e.g., minimizing weed cover), with the specific goal of maintaining the functionality of the burrows for a minimum of 2 years.***

***A final letter report shall be prepared by the qualified biologist documenting the results of the passive relocation. The letter shall be submitted to CDFW.***

**Southwestern willow flycatcher.** The southwestern willow flycatcher is a federally and state-listed (endangered) species. Southwestern willow flycatcher is the only subspecies that nests in southern California; however, migrants of all the subspecies may occur in the area during spring and fall migration. USFWS designated critical habitat for southwestern willow flycatcher is present in the Mojave River east of the site and within the 500-foot survey buffer, but no suitable habitat for southwestern willow flycatcher is present within or immediately adjacent to the Project site. Habitat requirements for the southwestern willow flycatcher includes dense riparian vegetation near permanent or semi-permanent sources of water or saturated soil, such as cottonwood, willow, and salt cedar vegetation communities along rivers and streams below 8,500 feet above msl. The southwestern willow flycatcher typically breeds within dense tree or shrubby riparian vegetation that is equal to or greater than 10 feet tall (Allison et al. 2003). During the biological resource assessment, no suitable nesting habitat for southwestern willow flycatcher was observed on the Project site. Suitable foraging, nesting, and dispersal habitat is present in the Mojave River, approximately 0.25 mile east of the Project site. One recent record of this species, observed in 2012, was documented approximately 4.5 miles southeast of the Project site (USFWS 2022a). Due to the disturbed nature of the Project site and lack of habitat, this species is not expected to occur on the Project site.

**Loggerhead shrike (*Lanius ludovicianus*).** The loggerhead shrike is a CDFW SSC (CDFW 2022). It prefers open areas with scattered trees and shrubs including savanna, desert scrub, and open woodland habitats. Its diet includes large insects and other invertebrates, but it will also prey upon small mammals, lizards, and snakes. Minimal suitable nesting or foraging habitat is present in the creosote bush scrub and Atriplex scrub present in the southern portion of the Project site near the access road, and the areas surrounding the Project site contain suitable habitat. Records of this species nesting were documented nearby for the High Desert Solar Project (HDSP). Due to the high mobility of this species, it is possible this species could utilize the Project site while foraging or moving through the area, but due to the disturbed nature of the Project site and lack of habitat, this species is not expected to occur on the Project site.

**Yellow warbler (*Setophaga petechia*).** Yellow warbler is a CDFW SSC (CDFW 2022). In southern California, this species breeds in lowland and foothill riparian woodlands dominated by cottonwoods, alders, or willows and other small trees and shrubs typical of low, open-canopy riparian woodland. During migration, they occur in lowland and foothill woodland habitats such as desert oases, riparian woodlands, oak woodlands, mixed deciduous-coniferous woodlands, suburban and urban gardens and parks, groves of exotic trees, farmyard windbreaks, and orchards (Small, 1994). No suitable habitat for yellow warbler was observed on the Project site; however, the riparian areas associated with the Mojave River east of the Project site do contain suitable habitat. One recent record of this species, observed in 2016, was documented approximately 4.2 miles southeast of the Project site (CDFW, 2022). Although habitat for this species is present is in the vicinity of the

Project site, it is unlikely this species would utilize any portion of the Project site due to lack of suitable habitat on or immediately adjacent to the Project site.

**Least Bell's vireo** (*Vireo bellii pusillus*). The least Bell's vireo is a federally and state-listed (endangered) species. Least Bell's vireos are a highly migratory species that only occurs in the region during the breeding season. This species is dependent upon riparian habitat and prefers willow-dominated woodland or scrub that typically exists along streams and rivers (Franzreb 1989). Other habitat types used by this species include mule fat scrub, mixed oak/willow woodland, mesquite woodland, and elderberry (*Sambucus* spp.) scrub. No suitable habitat for least Bell's vireo was observed on the Project site; however, the riparian areas associated with the Mojave River east of the Project site do contain suitable habitat. Multiple recent records of this species from CNDDDB and USFWS species occurrence data have been documented near the Project site. The closest record was observed less than 0.1 mile east of the Project site in 2008 (USFWS 2022a). The most recent record was observed in 2018 approximately 0.2 miles east of the Project site (USFWS 2022a). Although habitat for this species is present in the vicinity of the Project site, it is unlikely this species would utilize any portion of the Project site due to lack of suitable habitat on or immediately adjacent to the Project site.

**Desert kit fox**. Desert kit fox is a fur-bearing mammal that is protected under the CCR Title 14, Chapter 5, § 460, which prohibits take of the species at any time. Therefore, CDFW does not have a mechanism for take (e.g., permit) of the species by development projects. The desert kit fox is found in desert habitats that include creosote bush, shadscale, greasewood, and sagebrush. It feeds primarily on nocturnal rodents and rabbits, but will opportunistically take birds, reptiles, and insects. Minimal suitable desert kit fox habitat is present within the Project site; however, the areas surrounding the Project site to the north, south, and west contain suitable habitat and this species is known to occur in these undeveloped areas. Although this species is not tracked in the CNDDDB, this species was extensively documented for the nearby HDSP. Known (i.e., occupied) desert kit fox dens were recorded approximately 0.3 mile west of the Project site. This species could utilize the Project site while foraging or while moving through the area, but due to the disturbed nature of the Project site it is unlikely that this species would den on the Project site.

**Mohave ground squirrel**. The Mohave ground squirrel (MGS) is a state-listed (threatened) species. Suitable habitat for the species consists of relatively undisturbed native desert scrub vegetation; sandy, friable soils; gentle, sloping terrain; and elevation lower than 5,000 feet above msl. No suitable MGS habitat is present within the Project site; however, the areas surrounding the Project site to the north, south, and west contain suitable habitat. Two recent and three historic CNDDDB records of this species have been documented in the vicinity of the Project site (CDFW 2022). The closest and most recent record was observed in 2007 approximately 0.5 mile west of the Project site. Additionally, one MGS was recorded in 2020 during a camera trapping study done for the High Desert Solar Project, approximately 0.7 mile west of the Project site. Due to the disturbed nature of the Project site, it is unlikely that this species would occur on the Project site, but it could, however, utilize the Project site buffer.

There were 13 special-status plant species that appeared in the literature review and database searches for the Project site. Since the Project site is primarily developed and highly disturbed, many of the special-status plant species identified in the literature were presumed absent from the Project site. However, one special-status plant species, western Joshua tree (*Yucca brevifolia*), was observed within the buffer of the Project site. A brief natural history and discussion of Joshua tree can be found below:

**Western Joshua Tree**. Western Joshua tree is a Candidate for listing under the California Endangered Species Act (CESA) and is also protected by the City of Victorville Joshua Tree Ordinance (Ordinance Number 1224; Municipal Code Chapter 13.33). The Joshua tree is a tree-like monocot that is endemic to the Mojave Desert and is found in chaparral, Joshua tree woodland, Mojavean desert scrub, pinon and juniper woodland, and Sonoran desert scrub habitats with fast draining, coarse grained alluvial soil. During the biological resource survey, no Joshua trees were observed within the Project site; however, there was one Joshua trees identified at approximately 365 feet from the Project impact boundary and which is within the 500-foot survey buffer. A formal Joshua tree inventory or health assessment was not conducted during the biological resources survey.

The Western Joshua Tree Conservation Act (WJTCA) prohibits the importation, export, take, possession, purchase, or sale of any western Joshua tree in California unless authorized by CDFW. The act authorizes CDFW to issue permits for the incidental take of one or more western Joshua trees if the permittee meets certain conditions. Permittees may pay specified fees in lieu of conducting mitigation activities. The act also authorizes CDFW to issue permits for the removal of dead western Joshua trees and the trimming of live western Joshua trees under certain circumstances. Given the fact that the Joshua tree is located outside of the Project site, and as a result, that no Joshua tree would be harmed or would otherwise suffer "take," compliance with the WJTCA is not anticipated to be necessary.

No other species have been identified as having a potential to exist within or be impacted by the proposed Project. With implementation of the above mitigation, there is a less than significant potential for implementation of this Project to have a significant adverse effect, on species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the CDFW or USFWS.

### **Checklist question IVb: Less than Significant**

Implementation of the proposed Project has a potential to have an adverse effect on any riparian habitat or sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFW or USFWS. Though the Project footprint contains suitable habitat for several sensitive species, it does not contain any known riparian habitat or any other sensitive natural community identified by any agency. Though jurisdictional features are located within the Project area, the no impacts to any jurisdictional features from the proposed Project will occur. Additionally, the site will be designed to retain all stormwater runoff on site, and with no potential for discharge to the Mojave River. With no potential to discharge stormwater or polluted stormwater, or otherwise degrade the water quality of the Mojave River, the Project would not severely impair or conflict with the beneficial use of any water resources in the Lahontan Region. The Mojave River Hydrologic Area, including the Mojave River adjacent to the proposed Project are home to many sensitive species and habitats that are supported by recycled water discharge from VVWRA amongst other water sources downstream of the VVBF site. Given the above, the proposed Project would have no potential to result in degradation of the Mojave River such that any impacts to these species or habitats would occur. As such, there is a less than significant potential for implementation of this Project to have an adverse effect on any riparian habitat or sensitive natural community identified in local or regional plans, policies, regulations, or by the CDFW or USFWS.

### **Checklist question IVc: Less than Significant**

As part of the Biological Resources Assessment (Appendix 2), a desktop review was conducted to identify potential streams and hydric soils on the Project site. This entailed examination of the NRCS Soil Mapper (2022), National Wetland Inventory mapping, the aquatic resources delineation data documented for the HDSP gen-tie, and the USGS topographic mapping of the Project site to aid in identifying potential biological constraints to the Proposed Project due to jurisdictional streams. The desktop review included a review of aerial photographs to identify boundaries of potential Waters of the U.S. and Waters of the State. During the site visit, standard field methods were used including identification of water sources and examination of topography. During the field visit, mapped jurisdictional drainages were observed and verified where practical. Potentially jurisdictional drainages were observed on and adjacent to the Project site, along the southern and western boundaries of the Project site. However, the proposed Project has been designed to completely avoid impacting these features, including any wetland/riparian habitat, and the Project design incorporates a 25-foot set-back from all jurisdictional features. Incorporation of the WEAP and Aquatic Resources Best Management Practices are necessary to minimize potential impacts under this issue to a level of less than significant.

### Checklist question IVd: Less than Significant with Mitigation

Based on the field survey of the Project site, the Project will not substantially interfere with the movement of any native resident or migratory species or with established native or migratory wildlife corridors, or impede the use of native nursery sites. However, the State does protect all migratory and nesting native birds. There is the potential that the Project could start construction during the breeding season for songbirds who may be nesting on the Project Site. This could be a potentially significant impact. To reduce this impact to less than significant level, the proposed VVBF Project will implement **MM BIO-5, Pre-Construction Nesting Bird Survey**.

**BIO-5** *Nesting bird surveys shall be conducted by a qualified avian biologist no more than three (3) days prior to vegetation clearing or ground disturbance activities. Preconstruction surveys shall focus on both direct and indirect evidence of nesting, including nest locations and nesting behavior. The qualified avian biologist will make every effort to avoid potential nest predation as a result of survey and monitoring efforts. If active nests are found during the preconstruction nesting bird surveys, a Nesting Bird Plan (NBP) shall be prepared and implemented by the qualified avian biologist. At a minimum, the NBP shall include guidelines for addressing active nests, establishing buffers, ongoing monitoring, establishment of avoidance and minimization measures, and reporting. The size and location of all buffer zones, if required, shall be based on the nesting species, individual/pair's behavior, nesting stage, nest location, its sensitivity to disturbance, and intensity and duration of the disturbance activity. To avoid impacts to nesting birds, any grubbing or vegetation removal should occur outside peak breeding season (typically February 1 through September 1).*

Furthermore, to ensure impacts to burrowing owl are minimized to a level of less than significant, **MMs BIO-3** and **BIO-4**, are also necessary to minimize potential impacts to nesting birds. Thus, with implementation of the above measures, any effects on wildlife movement or the use of wildlife nursery sites can be reduced to a less than significant impact.

### Checklist question IVe: Less than Significant

The proposed VVBF Project area is within the existing VVWRA boundaries, is already developed with holding ponds and does not have any trees that would need to be removed. For this reason, the proposed Project would not have the potential to conflict with local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance and there would be a less than significant impact for this resource category.

### Checklist question IVf: No Impact

The Project has not been identified as being located within an area within a Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan, and implementation of the Project will therefore not result in a significant impact to any such plans. No further mitigation is necessary.

## V. Cultural Resources

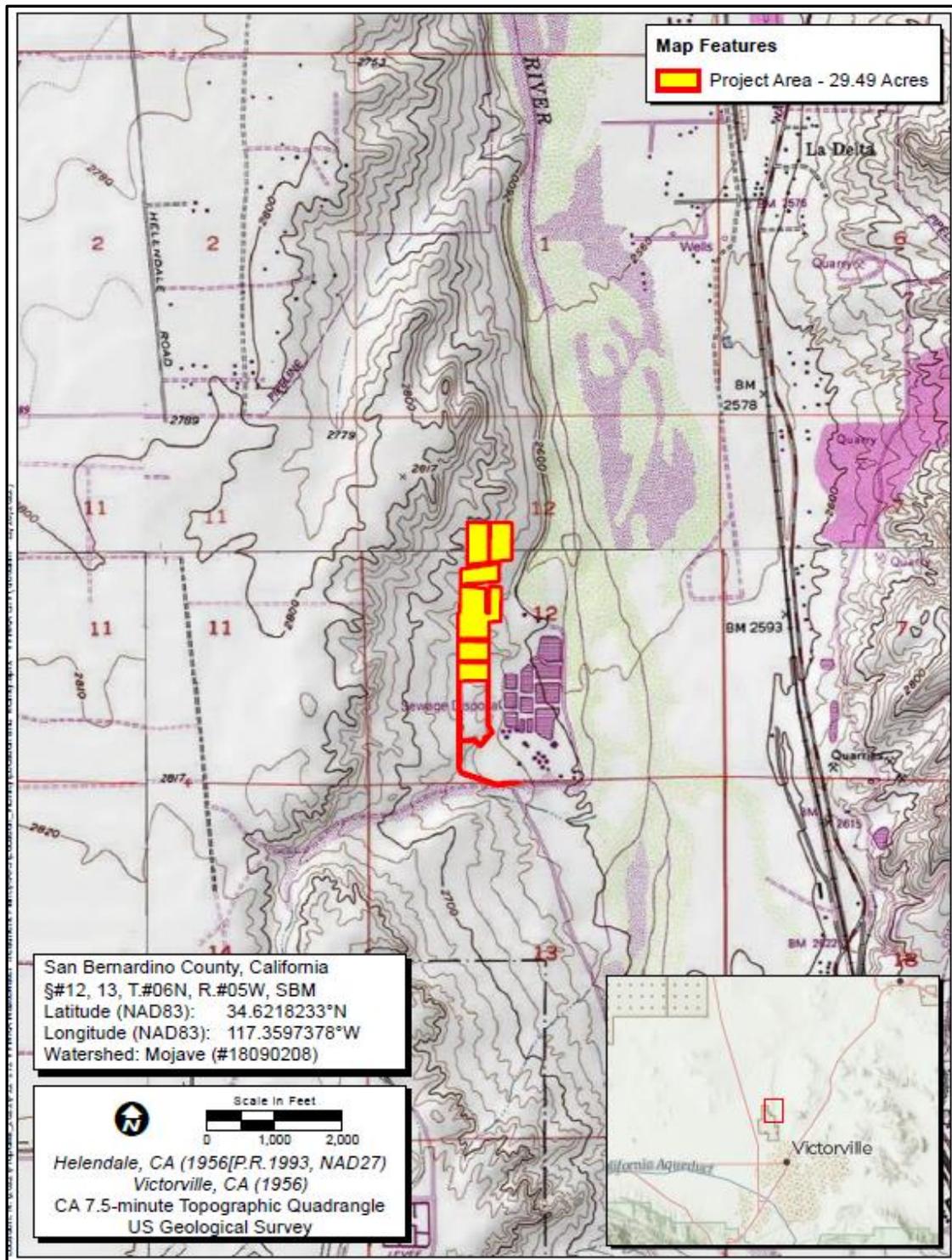
### Cultural Resources Checklist Questions

V. Cultural Resources Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource as defined in § 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 § 15064.5?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**NOTE:** This checklist section is based on ECORP’s Cultural Resources Technical Memo (Appendix 3).

### Introduction

ECORP conducted a records search and field survey for the 29.49-acre VVBF Project in the City of Victorville, San Bernardino County, California. The scope of work included a records search of the California Historical Resources Information System (CHRIS) at the South Central Coastal Information Center (SCCIC) located at California State University, Fullerton, a Sacred Lands File search from the Native American Heritage Commission (NAHC), a cursory field visit of the completely developed portions of the Project Area, and an intensive pedestrian survey of a small undeveloped portion of the Project Area. The purpose of the records search was to identify the locations and extent of previous surveys conducted within 1 mile of the proposed Project area and to determine if there are any known cultural resources (i.e., pre-contact [prehistoric] or historic archaeological sites or historic period features) located in or near the proposed Project area. In addition, the CHRIS records search would identify resources listed on or determined eligible for listing on the National Register of Historic Places (NRHP) and/or the California Register of Historical Resources (CRHR) located within 1 mile of the Project Area. **Figure 2-1** shows the boundaries of the area subject to the records search request from the SCCIC. The purpose of the field visit was to identify any cultural resources that may have been missed during previous investigations, as well as update site records for any previously recorded cultural resources. The purpose of the cultural resources technical report (included in Appendix 3) is to provide information to the agencies regarding the efforts to date on identifying cultural resources within the Proposed Project Area from the CHRIS records search, Sacred Lands File search, and field visit.



Source: ECRP 2023.

**Figure 2-1 Proposed Project Location and Record Search Boundary Map**

The CHRIS records search results indicated that approximately 40 percent of the Project Area has been previously surveyed for cultural resources. One cultural study overlaps the Project Area and another three are immediately adjacent to the Project Area's boundaries. These studies were conducted between 1967 and

2010. In addition to the one previous study that included a portion of the Project Area, 42 cultural resources investigations were conducted within the 1-mile records search radius (see Appendix 3).

The CHRIS records search results also show that one resource has been previously recorded within the Project Area: a pre-contact lithic scatter (P-36-3008). Forty-nine additional resources were identified outside of the Project Area but within the 1-mile records search radius. Those 49 resources consist of 13 pre-contact resources, 32 historic-period resources, two multicomponent resources, and three resources of unknown age.

The NAHC Sacred Lands File search results were received by ECORP on January 5, 2022 and positively indicated the presence of Native American Sacred Lands in the proposed Project Area. The NAHC recommends communicating with the Chemehuevi Indian Tribe and Yuhaaviatam of San Manuel Nation (YSMN; [formerly known as the San Manuel Band of Mission Indians]). The VVWRA as the CEQA Lead Agency sent out AB 52 consultation notices to the only tribe that has requested to be consulted under AB 52, YSMN. AB 52 was initiated on August 7, 2023, and in the days following, the YSMN requested to consult on the Project under AB 52.

## **Field Survey**

Because the Project Site is nearly entirely developed with covered, paved surfaces, earthen berms and settling ponds, a traditional archaeological survey was not warranted. ECORP Staff Archaeologist Robert Cunningham conducted a field visit on January 12, 2022, as documented in Appendix C. During the field visit, he documented the current ground conditions and conducted a reconnaissance-level inspection of the developed areas for any indication of historic-period or pre-contact resources. The southern portion of the proposed Project area crosses an undeveloped area. This undeveloped area extends along the southern fence line west of the facility entrance gate. It extends west for 859 feet and then curves north, extending an additional 321 feet. This area is 0.83 acres and comprises 2.8 percent of the total proposed Project area. Since this area is undeveloped, the ECORP archaeologist conducted an intensive pedestrian survey of this area. During the field visit, the location and nature of any resources encountered were preliminarily noted in accordance with the standards of the California Office of Historic Preservation.

As a result of the field visit, the ECORP archaeologist indicated that there is one possible historic site located within the proposed Project area: VVBF-01. VVBF-01 is a possibly historic segment of fence composed of barbed wire and chicken wire attached to wooden posts. This potential site has not been recorded or evaluated at this time. If VVBF-01 can be avoided, ECORP archaeologists establish a buffer around it prior to any ground disturbing activities. If it is determined that VVBF-01 cannot be avoided, it will be recorded and formally evaluated before any additional work can occur.

The records search results indicate that one pre-contact resource, a lithic deposit (P-36-3008), is located within the proposed Project area. The location of P-36-3008 was revisited during the survey. The area is now covered by a constructed earthen berm and settling pond within a wastewater treatment facility. The berm is approximately 20 feet above natural grade. It is likely that the site has been buried or destroyed by construction of the settling pond.

## **Recommendations**

ECORP conducted a cultural resources inventory for the proposed Project area that included a records search of the CHRIS, a search of the Sacred Lands File, and a field visit. The search of the Sacred Lands File by the NAHC was positive and indicates the presence of previously recorded sacred lands or Native American cultural resources in the Project Area. The results of the records search indicate that approximately 40 percent of the proposed Project area has been previously surveyed for cultural resources, with one previously recorded resource within the proposed Project boundaries. Although approximately 60 percent of the proposed Project area has not been previously surveyed for cultural resources, most of the area has been developed as part of a wastewater treatment facility and consists of earthen berms and settling ponds built above the natural

grade. Therefore, ECORP could only perform a cursory field inspection of the developed portions of the VVBF Project impact area. While there is a high likelihood of additional subsurface resources within the VVBF Project area, it is more likely that they will be identified in the undeveloped or lightly developed southern portion of the proposed Project area. Subsurface resources in the developed portions of the proposed Project area are unlikely, unless work extends beneath fill soil and into native sediments.

The entire Project Area is currently intended to be developed for use as a bioenergy facility. Development, operations and maintenance activities could still damage previously recorded or unrecorded resources. Both CEQA and Section 106 of the National Historic Preservation Act (NHPA) require the CEQA Lead Agency to address any unanticipated cultural resources discoveries during Project construction.

### **Checklist question Va and Vb: Less than Significant with Mitigation**

The proposed VVBF Project involves the redevelopment of existing VVWRA drying beds into a bioenergy facility with solar fields. ECORP's Cultural Resources Technical Memo (Appendix 3) included a historic resources records search and field survey and identified the potential for historical resources pursuant to CEQA Guidelines Section 15064.5. As mentioned above, the ECORP archaeologist indicated one possible historic site is within the proposed Project area: VVBF-01. VVBF-01 is a possibly historic segment of fence composed of barbed wire and chicken wire attached to wooden posts. This potential site has not been recorded or evaluated at this time. If VVBF-01 can be avoided, ECORP archaeologists establish a buffer around it prior to any ground disturbing activities.

If it is determined that VVBF-01 cannot be avoided, it will be recorded and formally evaluated before any additional work can occur. For these reasons, the proposed Project could cause a potentially significant impacts to historical resource as defined in § 15064.5. Further, development, operations and maintenance activities could still damage previously historic and archaeological resources which are recorded or unrecorded, as well as undiscovered human remains. Both CEQA and Section 106 of the National Historic Preservation Act (NHPA) require the CEQA Lead Agency to address any unanticipated cultural resources discoveries during Project construction. To reduce these potential historic and archaeological impacts to a less than significant level, the VVBF Project applicant will implement **MMs CUL-1** and **CUL-2**:

***CUL-1 If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeology, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:***

- 1. If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately and no agency notifications are required.***
- 2. If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, the archaeologist shall immediately notify the lead agencies. The agencies shall consult on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines or a historic property under Section 106 NHPA, if applicable. Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the***

***CEQA Guidelines; or 2) that the treatment measures have been completed to their satisfaction.***

***CUL-2 VVBF-01 is a possible historic segment of fence composed of barbed wire and chicken wire attached to wooden posts that shall be avoided during construction through the establishment of a buffer around the site prior to any ground disturbing activities. If it is determined that VVBF-01 cannot be avoided, it shall be recorded and formally evaluated before any additional work can occur.***

Furthermore, the YSMN, as part of the AB 52 consultation process, requested that the following mitigation measure pertaining to cultural resources be implemented.

***CUL-3 Archaeological Monitoring***

***Due to the heightened cultural sensitivity of the proposed Project area, an archaeological monitor with at least 3 years of regional experience in archaeology shall be present for all ground-disturbing activities that occur within the proposed Project area (which includes, but is not limited to, tree/shrub removal and planting, clearing/grubbing, grading, excavation, trenching, compaction, fence/gate removal and installation, drainage and irrigation removal and installation, hardscape installation [benches, signage, boulders, walls, seat walls, fountains, etc.], and archaeological work). A sufficient number of archaeological monitors shall be present each work day to ensure that simultaneously occurring ground disturbing activities receive thorough levels of monitoring coverage. A Monitoring and Treatment Plan that is reflective of the Project mitigation ("Cultural Resources" and "Tribal Cultural Resources") shall be completed by the archaeological consultant and submitted to the Lead Agency for dissemination to the Yuhaaviatam of San Manuel Nation Cultural Resources Management Department. Once all parties review and approve the plan, it shall be adopted by the Lead Agency – the plan must be adopted prior to permitting for the Program. Any and all findings will be subject to the protocol detailed within the Monitoring and Treatment Plan.***

With implementation of **MMs CUL-1** through **CUL-3**, there would be less than significant impacts with mitigation anticipated for these resources.

**Checklist question Vc: Less than Significant with Mitigation**

As noted in the discussion above, no available information suggests that human remains may occur within the Area of Potential Effect (APE) and the potential for such an occurrence is considered very low. Human remains discovered during the Project will need to be treated in accordance with the provisions of HSC §7050.5 and PRC §5097.98, which is mandatory. State law (Section 7050.5 of the Health and Safety Code) as well as local laws requires that the Police Department, County Sheriff and Coroner's Office receive notification if human remains are encountered. Compliance with these laws is considered adequate mitigation for potential impacts, however, in order to further protect potential tribal cultural resources the YSMN requested that mitigation measure **TCR-3** be implemented in relation to discovery and treatment of human remains. With the incorporation of mitigation measure **TCR-3**, identified under issue XVIII, Tribal Cultural Resources, the potential for impact to discovery and treatment of human remains will be reduced to a less than significant level. No additional mitigation is required.

## VI. Energy

### Energy Checklist Questions

VI. Energy Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Federal Regulations

#### *Corporate Average Fuel Standards*

First enacted by the U.S. Congress in 1975, the Corporate Average Fuel Economy (CAFE) standards reduce energy consumption by increasing the fuel economy of cars and light trucks. The National Highway Traffic Safety Administration (NHTSA) and U.S. EPA jointly administer the CAFE standards. The U.S. Congress has specified that CAFE standards must be set at the “maximum feasible level” with consideration given for 1) technological feasibility, 2) economic practicality, 3) effect of other standards on fuel economy, and 4) need for the nation to conserve energy.

Fuel efficiency standards for medium- and heavy-duty trucks have been jointly developed by U.S. EPA and NHTSA. The Phase 1 heavy-duty truck standards apply to combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles for model years 2014 through 2018 and result in a reduction in fuel consumption from 6 to 23 percent over the 2010 baseline, depending on the vehicle type. U.S. EPA and NHTSA have also adopted the Phase 2 heavy-duty truck standards, which cover model years 2021 through 2027 and require the phase-in of a 5 to 25 percent reduction in fuel consumption over the 2017 baseline depending on the compliance year and vehicle type (U.S. EPA and NHTSA, 2016).

#### *Energy Policy Act of 2005*

The Energy Policy Act of 2005 addresses energy efficiency; renewable energy requirements; oil, natural gas, and coal; alternative-fuel use; tribal energy; nuclear security; vehicles and vehicle fuels; hydropower and geothermal energy; and climate change technology. The act provides revised annual energy reduction goals (2 percent per year beginning in 2006), revised renewable energy purchase goals, federal procurement of Energy Star or Federal Energy Management Program designated products, federal green building standards, and fuel cell vehicle and hydrogen energy system research and demonstration.

### State Regulations

#### *Assembly Bill 1575 (AB 1575)*

In 1975, largely in response to the oil crisis of the 1970s, the California State Legislature adopted Assembly Bill (AB) 1575, which created the California Energy Commission (CEC). The statutory mission of the CEC is to forecast future energy needs, license thermal power plants of 50 megawatts (MW) or larger, develop energy

technologies and renewable energy resources, plan for and direct state responses to energy emergencies, and, perhaps most importantly, promote energy efficiency through the adoption and enforcement of appliance and building energy efficiency standards. AB 1575 also amended Public Resources Code Section 21100(b)(3) to require Environmental Impact Reports (EIRs) to consider the wasteful, inefficient, and unnecessary consumption of energy resources caused by a Project. Since the passage of AB 1575, the California Natural Resources Agency finalized updates to the CEQA Guidelines in December 2018. New CEQA Guidelines Section 15126.2(b) treats “wasteful, inefficient, or unnecessary” energy consumption as a significant environmental impact. As a result, the following energy thresholds have been incorporated into Appendix G of the CEQA Guidelines (see **Error! Reference source not found.**):

- a) [Would the Project] result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?
- b) [Would the Project] conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

As discussed above, this section has been prepared to assess energy impacts in accordance with these CEQA Appendix G of criteria specific to energy resources.

### ***Senate Bill 1389***

Senate Bill (SB) 1389 (Public Resources Code Sections 25300–25323; SB 1389) requires the CEC to prepare a biennial integrated energy policy report that assesses major energy trends and issues facing the state’s electricity, natural gas, and transportation fuel sectors and provides policy recommendations to conserve resources; protect the environment; ensure reliable, secure, and diverse energy supplies; enhance the state’s economy; and protect public health and safety (Public Resources Code Section 25301(a)). The most recent 2020 Integrated Energy Policy Report (the 2021 Report remains in draft form pending finalization by the CEC) provides the results of the CEC’s assessments of a variety of energy issues facing California, including energy efficiency, California’s transition to zero-emission vehicles (ZEVs), transportation, microgrids, and repercussions of several recent events, including the COVID-19 pandemic, electricity outages, and statewide wildfires. The 2020 Report also provides updates on trends in California’s sources of crude oil, update on California’s nuclear plants, and other energy issues.

### ***Senate Bill 350***

SB 350 was approved on October 7, 2015. SB 350 will 1) increase the standards of the California Renewables Portfolio Standard (RPS) program by requiring that the amount of electricity generated and sold to retail customers per year from eligible renewable energy resources be increased to 50 percent by December 31, 2030; 2) require the State Energy Resources Conservation and Development Commission to establish annual targets for statewide energy efficiency savings and demand reduction that will achieve a cumulative doubling of statewide energy efficiency savings in electricity and natural gas final end uses of retail customers by January 1, 2030; 3) provide for the evolution of the Independent System Operator into a regional organization; and 4) require the state to reimburse local agencies and school districts for certain costs mandated by the state through procedures established by statutory provisions. Among other objectives, the State legislature intends to double the energy efficiency savings in electricity and natural gas uses of retail customers through energy efficiency and conservation.

## Local Regulations

### *County of San Bernardino General Plan*

The County of San Bernardino's (County's) General Plan Renewable Energy and Conservation Element (amended February 2019) outlines the County's goals, objectives, and policies related to renewable energy and conservation:

- ▶ RE Goal 1: The County will pursue energy efficiency tools and conservation practices that optimize the benefits of renewable energy. While the majority of the General Plan Element policies are general in nature and not specific, the following goal and policy is potentially applicable to the Project:
  - RE Policy 1.2: Optimize energy efficiency in the built environment.
  - RE 1.2.6: Encourage new development to comply with the optional energy efficiency measures of the CALGreen Code.
- ▶ RE Goal 2: The County will be home to diverse and innovative renewable energy systems that provide reliable and affordable energy to our unique Valley, Mountain, and Desert regions.
  - RE Policy 2.1: Support solar energy generation, solar water heating, wind energy and bioenergy systems that are consistent with the orientation, siting and environmental compatibility policies of the General Plan.
  - RE 2.1.1: Utilize renewable energy development standards in the Development Code to minimize impacts on surrounding properties.

### *City of Victorville General Plan*

The City of Victorville's General Plan (2020) addresses energy in its resource section. While the majority of the General Plan policies related to energy are general in nature and not specific, the following goal and policy is potentially applicable to the proposed Project:

- ▶ GOAL #7: ENERGY CONSERVATION. Promote energy sustainability by developing alternative power supplies and reducing energy use.
  - **Objective 7.2:** Promote energy conservation.
    - *Policy 7.2.1:* Support energy conservation by requiring sustainable building design and development for new residential, commercial and industrial projects.
      - Implementation Measure 7.2.1.2: Minimize energy use of new residential, commercial and industrial projects by requiring high efficiency heating, lighting and other appliances, such as cooking equipment, refrigerators, furnaces, overhead and area lighting, and low NOx water heaters.

## Facility Operations Energy Consumption

The proposed Project facility's energy consumption is evaluated based on the following three sources: fuel use from associated diesel and gasoline vehicle activity (i.e., transportation sources), natural gas usage, and electricity consumption. The proposed Project includes the potential for the construction and operation of a 7 MW solar field, which could largely offset the daytime energy demand of the proposed Project. The energy consumption necessary for the proposed Project operations are quantified and evaluated in this section as if 100 percent is bought from the grid in the event the solar field is not implemented in a manner to offset the bioenergy operations electricity needs to provide the most conservative impact assessment. However, as of the time of the publication of this document, solar is intended to be installed as a second phase of the VVBF development, after the rest of the facility, so there would at least be an increase in energy consumption at the site until the solar system is operational and then in future cases when the system is not online (i.e., night time, as no battery is proposed but facility operations are 24/7).

The primary sources of the proposed Project facility operational fuel energy consumption (diesel and gasoline) would come from on-road vehicular traffic (i.e., delivery trucks, and passenger vehicles). Construction was not included in the energy consumption analysis as the construction activities will be temporary, occurring over a short period of time, with only minor energy demanded when compared to the annual energy demanded by the Project operations.

Actual transportation distances for inputs, outputs and waste streams were used to quantify the associated trip lengths for the various trip types. As discussed in the Project Description for the proposed Project, the inputs will be sourced within a 120-mile radius of the proposed Project site for an average trip length of 67 miles, and the proposed Project residuals and outputs will be sent an average of 51.5 miles from the proposed Project site.

The operations on-road operational vehicle trip fuel usage was calculated using the vehicle trip distance for each trip type. Using this data, along with the fleet average miles per gallon rates, **Table 2-9** presents the annual fuel usage that would be expected to result from on-road vehicles activity during the operations of the proposed Project facility. The truck trip lengths applied are from the actual travel distances for the potential transfer stations and the proposed VVBF Project.

**Table 2-9 Worst-Case Vehicle Annual Fuel Usage for VVBF Project Operations**

Activity	Daily Round Trips	One-Way Trip Length (mi)	Daily VMT	Annual VMT	Annual Fuel Usage (gal)
Inbound Truck Trips	62	66.9	8,246	2,572,773	395,811
Outbound Truck Trips	11	51.5	1,132	353,184	54,336
Employee Trips	30	16.8	1,008	367,920	18,416
<b>Total Summary</b>					<b>468,563</b>

- a. Truck average miles per gallon rates from "A Survey of Fuel Economy and Fuel Usage by Heavy Duty Truck Fleets" by Schoettle et. al (2016).
- b. Passenger vehicle miles per gallon rates from U.S. Bureau of Transportation Statistics (2019).
- c. VMT = vehicle miles travelled

Additional sources of energy consumption would include electricity and natural gas and are presented in **Table 2-9**. The natural gas and electricity usage required for fuel production were estimated based on the proposed Project facility's engineering design data. The proposed Project includes construction and implementation of a 7 MW solar array. Note that the proposed facility would also generate natural gas as part of the VVBF processes. As mentioned above, the electricity impacts are assessed as if 100 percent are bought from the grid to provide the most conservative scenario.

This project has two operational trains, each of which are largely independent processes with different goals. The first train is the biosolids thermal processing, which uses utility natural gas to convert wastewater solids into a marketable soil amendment. This process is energy intensive and is the primary consumer of natural gas. The second train is food waste digestion, which converts organic waste into valuable RNG. As such, the Project is intended to process various waste streams as needed to create valuable and reusable end products. This explains why the Project generates a substantial amount of natural gas, but also why it consumes a slightly greater amount of natural gas than it produces. Refer to the estimated utility usage table (**Table 2-10**) and estimated natural gas output table (**Table 2-11**), below.

**Table 2-10 Estimated Gas and Electricity Usage for VVBF Project Operations**

Utility	Usage	Source	Annual Usage Estimates
Natural Gas	88 MMBtu/hr	Southwest Gas	902,429 MMBtu/yr
Electricity	4,969 kW	Solar Array / SCE	43,527,931 kWh

- a. Natural gas and electricity usage from administrative buildings, sanitary systems, parking lots, and warehouses is assumed to be *de minimis*.

**Table 2-11 Estimated VVBF Natural Gas Output Streams**

Output Stream	Daily Avg. (MMBtu/hr)	Daily Peak (MMBtu/hr)	Annual Output (MMBtu/yr)
<b>Renewable Natural Gas (RNG) to Southwest Gas Utility Pipeline</b>	78	92	805,920

When assessing the energy impacts, the analysis compares the estimated energy consumption to the CEC’s projections for that analysis year.

**Checklist question VIa: Less than Significant Impact**

As discussed above, energy use associated with the proposed Project would be in the form of fuel (diesel and gasoline), electricity, and natural gas.

Energy consumption encompasses many different activities. For example, construction can include the following activities: delivery of equipment and material to a site from some location (note it also requires energy to manufacture the equipment and material, such as harvesting, cutting and delivering wood from its source); employee trips to work, possibly offsite for lunch (or a visit by a catering truck), travel home, and occasionally leaving a site for an appointment or checking another job; use of equipment onsite (electric or fuel); and sometimes demolition and disposal of construction waste. To minimize energy costs of construction debris management, mitigation has been established to require diversion of all material subject to recycling. Energy consumption by equipment will be reduced by requiring shutdowns when equipment is not in use after five minutes and ensuring equipment is being operated within proper operating parameters (tune-ups) to minimize emissions and fuel consumption. These requirements are consistent with State and regional rules and regulations. Under the construction scenario outlined above, the proposed Project will not result in wasteful, inefficient, or unnecessary energy consumption during construction.

The equipment and vehicles used by workers and vendors would be subject to increasingly stringent federal and state fuel efficiency standards, which would minimize the potential for inefficient fuel usage. The proposed Project would be required to comply with the provisions of 13 California Code of Regulations Sections 2449 and 2485, which prohibit diesel-fueled commercial motor vehicles and off-road diesel vehicles from idling for more than five minutes. Heavy equipment would also be subject to the U.S. EPA Construction Equipment Fuel Efficiency Standard (40 Code of Federal Regulations Parts 1039, 1065, and 1068) and California Air Resources Board’s (CARB’s) AB 1493 (i.e., Pavley) regulations, which would also minimize inefficient fuel consumption and ensure that the fuel efficiency of equipment and vehicles operating onsite and offsite would continue to improve over time. The proposed Project will also be constructed consistent with applicable CALGreen Building Code and Title 24, which would also reduce consumption from area and energy sources. Compliance with applicable State and local requirements as described above will ensure that the proposed Project does not result in wasteful, inefficient, or unnecessary consumption of energy resources.

Compliance with local, State, and federal regulations would reduce short-term energy demand during the proposed Project’s construction to the extent feasible, and therefore, Project construction would not result in a wasteful or inefficient use of energy. The proposed Project operations will also use energy resources for on-

road vehicles. As shown in **Table 2-9**, the facility's operational worst-case fuel resource consumption is estimated to be 16,724 gallons per year of gasoline for employee vehicles and 1,024,246 gallons of diesel for truck deliveries. The CEC's Retail Fuel Outlet Annual Reporting (A-15) Results show that approximately 198 million gallons of diesel and 926 million gallons of gasoline were sold in San Bernardino County in 2021. The facility operations would represent a 0.5 percent increase in total annual diesel fuel consumption and 0.002 percent increase in total annual gasoline fuel consumption within the County.

Similarly, as shown in **Table 2-10**, the proposed facility's operational electricity and natural gas consumption is estimated to be 43,528 MWh and 902,429 million British thermal units (MMBtu) per year, respectively. However, it should be noted that the facility itself would generate 805,920 MMBtu/yr. Although, all or most of the daytime electricity required for the proposed Project will be generated by an onsite solar array this impact analysis evaluated the proposed VVBF electricity demand as if it were being bought from the grid from SCE. For electricity usage, per the CEC's most recent "Electricity Consumption by County" 2021 data set for San Bernardino County, non-residential sector operations consumed an estimated 10,381 million kWh in 2021. Compared to the CEC's 2021 County-wide data set, the proposed Project's estimated increase in electricity consumption would constitute an approximate 0.42 percent increase in total annual consumption within the County. Because of the proposed Project's potential new electricity demand represents a small percentage (less than 1 percent) of existing electricity demand countywide and the potential for daytime electricity generation from the proposed solar field, these activities would have a minimal effect on the local and regional electricity supplies and availability.

For natural gas usage, per the CEC's most recent "Natural Gas Consumption by County" 2021 data set for San Bernardino County, non-residential sector operations consumed an estimated 305 million therms (approximately 30.5 million MMBtu) total in 2021. Compared to the CEC's 2021 County-wide data set, the proposed Project's estimated increase in natural gas consumption would constitute an approximate 2.96 percent increase in total annual consumption within the County. Because the proposed Project is creating new supplies of RNG (nearly equal to the amount of natural gas demanded by the proposed Project, at 805,920 MMBtu/yr), these activities would have a minimal effect on the local and regional fuel energy supplies and availability.

For these reasons, the construction and operation will not result in wasteful, inefficient, or unnecessary consumption of energy resources and, therefore, the impacts to energy resources will be less than significant.

### **Checklist question VIb: Less than Significant Impact**

As discussed above, neither VVWRA (the Lead Agency) or the City of Victorville, the local land-use jurisdiction for the proposed Project area, have set a specific significance threshold for energy impacts. At this time, other than the generalized policies found within the General Plan, the City has not adopted local programs or policies that support energy efficiency and/or sustainability that would apply to the proposed Project. In accordance with the City's General Plan goals and policies, the proposed Project would implement energy efficiency and conservation measures as applicable.

The State of California's Energy Efficiency Strategic Plan (adopted 2008, updated January 2011) outlines specific goals and strategies to help promote energy efficiency in California's industrial sector in three (3) areas: 1) Support industry adoption of energy efficiency by integrating energy efficiency savings with achievement of GHG goals, 2) build market value of and demand for energy efficiency, and 3) provide technical and public policy guidance for resource efficiency. The Energy Efficiency Strategic Plan promotes reductions in energy consumption through compliance with greenhouse gas (GHG) emission reductions, water conservation, and proper waste disposal. As applicable, the proposed Project would utilize the best available equipment to improve diesel fuel efficiency and equipment that uses energy would implement modern design and technology to maximize efficiency improvements.

The proposed Project's mobile equipment and vehicles would comply with federal, State, and regional efficiency requirements where applicable. Specifically, the U.S. EPA and the NHTSA have adopted fuel

efficiency standards for medium- and heavy-duty trucks that apply to truck fleet operators, such as the Project applicant. CARB has also adopted cleaner technology and fuel standards pursuant to AB 1493. While Phase 1 and Phase 2 regulation published by both the U.S. EPA / NHTSA and CARB primarily apply to manufacturers of on-road vehicles and not the end user, the Project operator and offsite vendors will ensure engines purchased are certified in accordance with the appropriate State and federal regulations. Due to federal and State standards, energy efficiency of mobile equipment and vehicles will continue to improve over time through compliance with increasingly stringent standards adopted by regulatory agencies.

Furthermore, the proposed Project will produce low-carbon RNG. This will advance local and State plans for increasing renewable energy and energy efficiency.

The proposed Project construction and operations activities would not conflict with or obstruct a State or local plan for renewable energy or energy efficiency. Therefore, the proposed Project's potential impacts are less than significant.

## VII. Geology and Soils

### Geology and Soils Checklist Questions

VII. Geology and Soils Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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 <a href="#">Division of Mines and Geology Special Publication 42</a> .	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Be located on <a href="#">expansive soil</a> , as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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"/>

**NOTE:** The following responses rely on Patel & Associates' geotechnical report prepared in 2020 for the VVWRA. An update will be prepared during final design of the VVBF Project.

#### Checklist question VIIa(i): Less than Significant Impact

The VVBF Project site is not located within an Alquist-Priolo Earthquake Zone as indicated by the Alquist-Priolo Fault Hazard Zones Map provided by the California Geological Survey Seismic Hazards Program (California Geological Survey, 2023). However, the proposed Project site is located in a seismologically active region, as is the entirety of southern California. The nearest active fault is the Helendale-SO Lockhart Fault, which lies

approximately 9 miles to the northeast of the proposed Project site. This fault's probable magnitudes lie between 6.5 and 7.3 and it has seen surface displacements in the last 11,000 years (Southern California Earthquake Data Center, 2023). Site evaluations, subsurface investigations, and previous records searches found that there was "very low to remote" potential for earthquake surface ruptures to adversely impact the site (Patel & Associates, 2020). Additionally, all new construction is required to comply with the existing seismic standards of the California Building Code. For these reasons, the direct risk represented by surface ruptures to the VVBF Project would be less than significant.

### **Checklist question VIIa(ii): Less than Significant Impact**

The proposed Project site, as with most of southern California, is in a seismically active area, and will most likely be subject to some groundshaking during the life of the operation of the Expanded VVRCF. According to the San Bernardino Countywide Plan, the proposed Project is not located in close proximity to any delineated active faults. However, due to the proximity of the active San Andreas Fault, about twenty-five miles to the south, and the active Helendale Fault, about ten miles to the northeast, the Project site and area can be exposed to significant ground shaking during major earthquakes on either of these regional faults. Based on the discussion under VIIa, above, and that all new construction is required to comply with the existing seismic standards of the California Building Code, the direct risk represented by surface ruptures or ground shaking to the VVBF Project would be less than significant.

### **Checklist question VIIa(iii): Less than Significant Impact**

There are secondary risks associated with ground shaking, most notably liquefaction and landslides. Liquefaction can occur when soil loses its shear strength or shearing resistance; this happens when soil composition is loose and coarse grained, the groundwater depth is at or less than 50 feet, and there's a nearby high-magnitude earthquake. The subsurface explorations performed by Patel & Associates found dense earth materials at lower depths and did not encounter groundwater. These factors also render the risk of lateral spreading low to remote. Furthermore, the proposed Project is located within VVWRA's operational site, and has therefore been developed to standards that would avoid potential liquefaction potential. According to the San Bernardino Countywide Plan, the Project does not contain land with any liquefaction susceptibility. Therefore, it is not anticipated that the proposed Project would be susceptible to seismic-related ground failure, including liquefaction. Impacts are considered less than significant and no mitigation is required.

### **Checklist question VIIa(iv): Less than Significant With Mitigation**

The Project area is relatively flat, which would suggest low potential for landslide. This area as not been delineated by the San Bernardino Countywide Plan as being located in an area that is susceptible to landslides. Furthermore, the onsite and offsite risk of landslides to the VVBF Project was determined to be low to non-existent. Topographically, the site has a very gradual elevation shift from a high point of roughly 2,650 feet above sea level on the western edge of the proposed Project site to a low point of roughly 2,600 feet above sea level on the eastern edge of the VVWRA site. Furthermore, no landslide debris was observed during the preparation of the 2020 geotechnical report prepared by Patel & Associates for the VVWRF expansion (a separate Project covering the VVBF area), dated August 25, 2020, provided as Appendix 4 to this Initial Study, and, historically, no landslides are known to have occurred in the area. Further, the VVBF Project will include additional site-specific geotechnical investigations during Project design and engineering as a requirement through the following mitigation measure.

***GEO-1 Prior to initiating grading, the site developer shall provide a geotechnical evaluation of the potential geotechnical hazards at the site and, if a hazard exists at the proposed Project location, the evaluation shall define design measures that will ensure the safety of any new structures in protecting human life in the event of a regional earthquake or other geological hazard***

***affecting the site. The developer shall implement any design measures required to protect human safety.***

For these reasons, the potential for the VVBF Project to directly or indirectly lead to any of the listed adverse effects above would be less than significant with the incorporation of **MM GEO-1**, above.

#### **Checklist question VIIb: Less than Significant With Mitigation**

The VVBF Project is located on land already developed as a series of holding ponds for the VVWRA. As such, the potential loss of topsoil is limited to a very small amount of unmaintained landscaping dirt. While development and construction of the VVBF Project would likely require more grading and filling during the excavation process, the potential adverse effects from this are very limited due to the site's existing nature. However, construction will involve substantial ground disturbance, which will expose the underlying soil to erosive forces such as wind and water. Use of best available control measures (BACMs) to control fugitive dust will fully mitigate potential erosion impacts. Potential water erosion impacts to soil include accelerated erosion and down slope deposition and increased potential for surficial sliding and slumping. Compaction of soils by heavy equipment may reduce the infiltration capacity of onsite soils thereby depriving the onsite soils of water, which increases the potential for runoff and erosion due to these impervious surfaces. During Project construction when soils are exposed, temporary soil erosion could occur, which could be exacerbated by rainfall. Project grading would be managed through the preparation and implementation of a Stormwater Pollution Prevention Plan (SWPPP), and will be required to implement best management practices to achieve concurrent water quality controls after construction is completed and the VVBF is in operation. The following mitigation measures or equivalent best management practices (BMPs) shall be implemented to address these issues:

***GEO-2 Stored backfill material shall be covered with water resistant material during periods of heavy precipitation to reduce the potential for rainfall erosion of stored backfill material. If covering is not feasible, then measures such as the use of straw bales or sand bags shall be used to capture and hold eroded material on the Project site for future cleanup.***

***GEO-3 Anaergia shall identify additional BMPs to ensure that the discharge of surface water does not cause erosion downstream of the discharge point. This shall be accomplished by reducing the energy of any site discharge through an artificial energy dissipater or equivalent device. If any substantial erosion or sedimentation occurs, any erosion or sedimentation damage shall be restored to pre-discharge conditions.***

***GEO-4 All exposed, disturbed soil (trenches, stored backfill, etc.) shall be sprayed with water or soil binders twice a day, or more frequently when fugitive dust is observed migrating from the area within which the VVBF is being constructed.***

Implementation of these measures will ensure that construction activities and long-term operations will not generate surface runoff that could cause significant erosion or loss of topsoil. No further mitigation is required.

#### **Checklist question VIIc: Less than Significant With Mitigation**

Refer to the discussion under VIIa above. Potential instability associated with slope stability and liquefaction related to the Project was determined to be negligible. The potential for shrinkage at the site was determined to be limited as the Project is not identified by the San Bernardino Countywide Plan as being located within a liquefaction hazard zone. However, the potential for subsidence may be medium to high, as identified in the San Bernardino Countywide Plan. As a result, **MM GEO-1**, is required to minimize subsidence and other soil instability impacts as a result of Project implementation. Additionally, the San Bernardino Countywide Plan

does not identify any landslide potential at or around the Project site. Given that the Project site will be filled with fill material, and the material will be subject to the design recommendation measures as a result of implementation of **MM GEO-1**, the potential for soil instability is minimal. Therefore, the potential for the Project to be located on a geologic unit or soil that is unstable or for the Project to cause the soils to become unstable is considered less than significant with the implementation of mitigation.

### **Checklist question VIId: Less than Significant Impact**

Soils may be considered expansive if they are composed of earth materials that may shrink or swell depending on the moisture content of the soil. According to the Web Soil Survey prepared for the Project (Appendix 5), the Project site is underlain by Cajon Sand, Villa Loamy Sand, and Haplargids, with the primary soils being Cajon series. These soils are sandy soils, and expansive soils generally contain a high percentage of clay. The soils at VVWRA as part of a separate study for the proposed VVWRA Treatment Plant Expansion were subjected to laboratory testing to check for expansive soil conditions, and that testing revealed that the earth materials on-site had a very low expansion potential (Appendix 4). As the soils that underly the site have been identified as sandy soils, and that soil testing in the Project vicinity were determined to not be expansive, the risk of expansive soil affecting the VVBF Project would be less than significant.

### **Checklist question VIIe: No Impact**

The VVBF Project is located on land already developed as a series of holding ponds for the VVWRA. There are no planned septic tanks for the VVBF Project. Wastewater generated at the proposed Project site is planned to be sent to the VVWRA for processing and reclamation. For this reason, wastewater generated by the VVBF Project would have no impact on the need for septic system or alternative wastewater disposal at the site.

### **Checklist question VIIf: Less than Significant With Mitigation**

The VVBF Project is located on land already developed as a series of holding ponds for the VVWRA. However, the overall VVWRA owned property is known to contain sensitive paleontological and prehistoric archaeological sites. This is because an important prehistoric archaeological site was previously recorded as lying partially within the Project area. Given this known sensitivity, even though the VVBF site has been mostly previously developed, it is possible that sensitive paleontological features could be uncovered during Project construction. Therefore, because these resources are located beneath the surface and can only be discovered as a result of ground disturbance activities, the following measure shall be implemented:

***GEO-5 Should any paleontological resources be encountered during construction of the Project facilities, earthmoving or grading activities in the immediate area of the finds shall be halted and an onsite inspection should be performed immediately by a qualified paleontologist. Responsibility for making this determination shall be with VVWRA's onsite inspector. The paleontological professional shall assess the find, determine its significance, and determine appropriate mitigation measures within the guidelines of the California Environmental Quality Act that shall be implemented to minimize any impacts to a paleontological resource. Treatment of any discovered paleontological resources shall follow the Phasing and corresponding actions identified under MM CUL-1 and in MMs TCR-1 through TCR-5.***

With incorporation of this contingency mitigation, the potential for impact to paleontological resources will be reduced to a less than significant level. No additional mitigation is required.

## VIII. Greenhouse Gas Emissions

### Greenhouse Gas Emissions Checklist Questions

VIII. Greenhouse Gas Emissions Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**NOTE:** This section is based on the VVBF Project Air Quality and Greenhouse Gas Technical Report (Appendix 1).

### Background

Global Climate Change (GCC) is defined as the change in average meteorological conditions on the earth with respect to temperature, precipitation, and storms. Many scientists believe that the climate shift taking place since the industrial revolution (1900) is occurring at a quicker rate and magnitude than in the past. Scientific evidence suggests that GCC is the result of increased concentrations of greenhouse gases in the earth's atmosphere, including carbon dioxide, methane, nitrous oxide, and fluorinated gases. Many scientists believe that this increased rate of climate change is the result of greenhouse gases resulting from human activity and industrialization over the past 200 years.

An individual Project like this Project cannot generate enough greenhouse gas emissions to effect a discernible change in global climate. However, the Project may participate in the potential for GCC by its incremental contribution of greenhouse gasses combined with the cumulative increase of all other sources of greenhouse gases, which when taken together constitute potential influences on GCC.

### Significance Criteria

In response to the requirements of SB97, the State Resources Agency developed guidelines for the treatment of GHG emissions under CEQA. These new guidelines became state laws as part of Title 14 of the California Code of Regulations in March 2010. The CEQA Appendix G guidelines were modified to include GHG as a required analysis element. A Project would have a potentially significant impact if it:

- ▶ Generates greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?
- ▶ Conflicts with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Section 15064.4 of the Code specifies how significance of GHG emissions is to be evaluated. The process is broken down into quantification of Project-related GHG emissions, making a determination of significance, and specification of any appropriate mitigation if impacts are found to be potentially significant. At each of these steps, the new GHG guidelines afford the lead agency with substantial flexibility.

Emissions identification may be quantitative, qualitative or based on performance standards. CEQA guidelines allow the lead agency to "select the model or methodology it considers most appropriate." The most common

practice for transportation/combustion GHG emissions quantification is to use a computer model such as CalEEMod, as was used in the ensuing analysis.

The significance of those emissions then must be evaluated; the selection of a threshold of significance must take into consideration what level of GHG emissions would be cumulatively considerable. The guidelines are clear that they do not support a zero net emissions threshold. If the lead agency does not have enough expertise in evaluating GHG impacts, it may rely on thresholds adopted by an agency with greater expertise.

The MDAQMD has published thresholds for Greenhouse Gases emissions (CO<sub>2</sub>e). The daily threshold is 548,000 lbs/day and the annual threshold is 100,000 metric tons (MT)/year.

**Checklist question VIIIa: Less than Significant**

Construction will start promptly when permits are obtained and financing is closed (anticipated to occur no later than Q2 of 2026). Construction will take about 24 months for the organics processing and is expected to be completed by Q2 2028, with commissioning complete in Q1 2029. Construction is expected to employ about 100 to 125 people, primarily contractors and subcontractors. Construction of the solar array will start after the organics processing and will take approximately 12 months to complete. Refer to **Table 2-6** for an estimate of construction activities and duration. Operational emissions are combined with the amortized (spread out over 30 years) construction emissions in **Table 2-12**, below.

The estimated GHG emissions of the proposed VVBF Project are summarized in **Table 2-12** and compared to the MDAQMD’s GHG emissions threshold.

**Table 2-12 Estimated Annual Operations GHG Emissions (MT/Year)**

Source	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Stationary Sources	83,509.09	1.11	0.16	83,584.31
Direct Electricity Usage	6,835.27	0.65	0.08	6,875.10
Mobile Sources	2,164.55	0.002	0.329	2,262.55
Indirect Electricity from Water Usage	65.4342	0.006	0.00	65.82
Indirect Electricity from Wastewater Generation	38.9150	0.004	0.00	39.14
Construction emissions (annualized over 30 years)	15.068	0.001	0.00	15.0897
<b>Total Project Operational Emissions</b>				<b>92,842.01</b>
MDAQMD CO <sub>2</sub> e Threshold	<b>100,000</b>			
Is Threshold Exceeded?	<b>NO</b>			

The projected increase in CO<sub>2</sub>e emissions associated with the proposed Project’s operations would be less than MDAQMD’s GHG threshold of 100,000 MT/year. Further, the proposed VVBF Project would reduce annual GHG emissions 1) at landfills by up to 54,000 metric tons (MT) of carbon dioxide equivalents (CO<sub>2</sub>e) and 2) in reduced transport by up to 2,260 MT of CO<sub>2</sub>e.

New GHG emissions sources that would be introduced by the proposed Project, have been quantified for the proposed Project for informational purposes. Although not yet formally part of the statewide Cap-and-Trade Program, since the VVBF Project is not yet built and operating, it is possible the stationary source and electricity emissions would be covered under that program in the future and it is important to note that this covers the majority of the VVBF GHG emissions which are from the operation of the proposed VVBF stationary source equipment. Thus, GHG impacts from construction and operations are considered individually less than significant.

**Checklist question VIIIb: Less than Significant**

For the last two decades, as part of its efforts to reduce local air pollution, CARB, MDAQMD, the City of Victorville, and San Bernardino County have promoted a number of programs to combat climate change, including increasing energy conservation, increasing low-carbon fuel technologies (natural gas vehicles; electric-hybrids, hydraulic-hybrids, and battery-electric vehicles), increasing renewable energy, reducing VMT, and market incentive programs. As discussed in Appendix 1, Section 3.6, GHG Emissions, under Air Quality and GHG Analysis Methods, CARB, San Bernadino Council of Governments (SBCOG) and the City of Victorville have each prepared GHG emission reduction strategies. **Table 2-13** presents CARB’s select GHG emission reduction strategies. Not all these measures are currently appropriate or applicable to the proposed Project. While future legislation could further reduce the proposed Project’s GHG footprint, the analysis of this is speculative and, in accordance with CEQA Guidelines Section 15145, will not be further evaluated in this air quality impact assessment.

**Table 2-13 Select CARB GHG Emission Reduction Strategies**

Strategy	Description of Strategy
Vehicle climate change standards	AB 1493 (Pavley) required the State of California to develop and adopt regulations that achieve the maximum feasible and cost-effective reduction of climate change emissions emitted by passenger vehicles and light-duty trucks. Regulations were adopted by CARB in Sept. 2004.
Diesel anti-idling	In July 2004, CARB adopted a measure to limit diesel-fueled retail motor vehicle idling.
Other light-duty vehicle technology	New standards would be adopted to phase in beginning in the 2017 model year.
Alternative fuels: biodiesel blends	CARB would develop regulations to require the use of 1 to 4 percent biodiesel displacement of California diesel fuel.
Alternative fuels: ethanol	Increased use of ethanol fuel.
Heavy-duty vehicle emission reduction measures	Increased efficiency in the design of heavy-duty vehicles and an educational program for the heavy-duty vehicle sector.

Not all these measures are currently appropriate or applicable to the proposed Project. While future legislation could further reduce the proposed Project’s GHG footprint, the analysis of this is speculative and, in accordance with CEQA Guidelines Section 15145, will not be further evaluated in this air quality impact assessment.

**Table 2-14** presents the SBCOG GHG Reduction Strategies for the City of Victorville and **Table 2-15** summaries the City of Victorville’s GHG reduction strategies included in its Climate Action Plan.

**Table 2-14 SBCOG GHG Emission Reduction Strategies for the City of Victorville**

Measure	Measure Description	VVBF Project Conformity
<b>State Measures</b>		
State SB 100	SB 100	Will conform where applicable
State SB 350	SB 350	Will conform where applicable
State T24	Title 24 Energy Efficiency Standards	Will conform where applicable
State – Solar Water Heater	Solar Water Heaters (residential)	Not applicable
State Increased CHP	Increased Combined Heat Power (Commercial)	Will conform where applicable
State On-Road	State Fuel Efficiency Measures	Will conform where applicable

Measure	Measure Description	VVBF Project Conformity
State SB 1383	Methane Capture	Applicable Conforms – The purpose of the proposed Project is to reduce organics being sent to landfills and instead convert into bioenergy.
<b>Local Measures</b>		
Building Energy	Energy 1 -Building Energy Efficiency	Will conform where applicable
	Energy 2 – Lighting Efficiency	Will conform where applicable
	Energy 3 – All Electric Buildings	Will conform where applicable
	Energy 5 – Renewable Energy – New Commercial/Industrial	Applicable and Conforms
	Energy 6 – Solar Energy for Warehouse Space	Not Applicable
	Energy 7 – Solar Installation for Existing Housing	Not Applicable
	Energy 8 – Solar Installation for Existing Commercial/Industrial	Applicable and Conforms
	Energy 9 – Rooftop Gardens	Not Applicable
	Energy 10 – Urban Tree Planting for Sharing and Energy Savings	Not Applicable
	On-Road Transportation	On-Road 1 - Alternative Fueled Transit Fleets
On-Road 2 – Encourage Use of Mass Transit		Not Applicable
On-Road 3 – Transportation Demand Management and Synchronization		Not Applicable
On-Road 4 – Expand Bike Routes		Not Applicable
On-Road 5 – Community Fleet Electrification		Not Applicable
Off-Road Equipment	Off-Road 1 – Electric Powered Construction Equipment	Will conform where applicable
	Off-Road 2 – Idling Ordinance	Will conform where applicable
	Off-Road 3 – Electric Landscaping Equipment	Will conform where applicable
Waste	Waste 1 – Methan Capture - Local	Applicable and Conforms
	Waste 2 – Waste Diversion and Reduction	Applicable and Conforms
Agriculture	Agriculture 3 – Methane Capture at Large Dairies	Will conform where applicable
Wastewater	Wastewater 1 – Methane Recovery at Wastewater Treatment Plants	Applicable and Conforms
	Wastewater 2 – Equipment Upgrades at Wastewater Treatment Plants	Applicable and Conforms
Water Conveyance	Water 1 – Require Tier 1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
	Water 2 – Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
	Water 3 – Water Efficient Landscaping Practices	Will conform where applicable

Measure	Measure Description	VVBF Project Conformity
GHG Performance Standard for New Development	PS1 - GHG Performance Standard for New Development (52% below projected BAU for new projects)	In conformance as this is a modification to the existing VVWRA WWTP facility. Further, the proposed VVBF Project would reduce annual GHG emissions regionally 1) at landfills by up to 54,000 MT of CO2e and 2) in reduced transport in the region by up to 2,260 MT of CO2e.

**Table 2-15 City of Victorville’s GHG Reduction Strategies**

Measure	Measure Description	VVBF Project Conformity
<b>State/County Measures</b>		
State-1	Renewable Portfolio Standard	Applicable and Conforms
State-2	Title 24 (Energy Efficiency Standard)	Will conform where applicable
State-3	AB 1109	Will conform where applicable
State-4	Solar Water Heating	Will conform where applicable
State-5	Industrial Boiler Efficiency	Will conform where applicable
State-6	Pavley Plus LCFS	Will conform where applicable
State-7	AB 32 Transportation Reduction Strategies	Will conform where applicable
State-8	LCFS: Off-Road	Will conform where applicable
State-9	AB 32 Methane Capture	Applicable and Conforms
County-1	San Bernardino County GHG Plan Landfill Controls	Applicable and Conforms
<b>Local Measures</b>		
<b>Building Energy</b>		
Energy-1	Energy Efficiency for Existing Buildings	Will conform where applicable
Energy-2	Outdoor Lighting	Will conform where applicable
Energy-3	Green Building Ordinance	Will conform where applicable
Energy-4	Solar Installation for New Housing	Not applicable
Energy-5	Solar installation for New Commercial	Will conform where applicable
Energy-6	Solar Energy for Warehouse Space	Will conform where applicable
Energy-7	Solar Installation for Existing Housing	Not applicable
Energy-8	Solar Installation for Existing Commercial/Industrial	Will conform where applicable
Energy-9	C0-Generation Facilities	Applicable and Conforms
LandUse-1 (BE)	Tree Planting Programs	Will conform where applicable
LandUse-2 (BE)	Promote Rooftop Gardens	Not applicable
Wastewater-2 (BE)	Equipment Upgrades	Applicable and Conforms
Water-1 (BE)	Require Tier 1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
Water-2 (BE)	Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
Water-4 (BE)	Implement SB X7-7	Will conform where applicable

Measure	Measure Description	VVBF Project Conformity
<b>On-Road Transportation</b>		
Transportation-1	Sustainable Communities Strategies	Will conform where applicable
<b>Off-Road Equipment</b>		
OffRoad-1	Electric Powered Construction Equipment	Will conform where applicable
OffRoad-1	Idling Ordinance	Will conform where applicable
OffRoad-1	Electric Landscaping Equipment	Will conform where applicable
<b>Solid Waste Management</b>		
Waste-2	Waste Diversion	Applicable and Conforms
<b>Wastewater Treatment</b>		
Wastewater-1	Methane Recovery	Applicable and Conforms
Water-1 (WT)	Require Tier-1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
Water-2 (WT)	Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
Water-4 (WT)	Implement SB X7-7	Will conform where applicable
<b>Water Conveyance</b>		
Water-1	Require Tier 1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
Water-2	Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
Water-3	Water-Efficient Landscaping Practices	Will conform where applicable
Water-4	Implement SB X7-7	Will conform where applicable
Wastewater-3 (WC)	Recycle Water	Will conform where applicable
<b>GHG Performance Standard for New Development</b>		
PS-1	GHG Performance Standard for New Development	Will conform where applicable

For the last two decades, as part of its efforts to reduce local air pollution, MDAQMD, the City of Victorville, and San Bernardino County have promoted a number of programs to combat climate change, including increasing energy conservation, increasing low-carbon fuel technologies (natural gas vehicles; electric-hybrids, hydraulic-hybrids, and battery-electric vehicles), increasing renewable energy, reducing VMT, and market incentive programs.

CARB GHG emission reductions goals would be achieved through the regulatory process of the air district and CARB as required changes to diesel engines, which would affect the product delivery trucks and limits on idling, are implemented. The strategies currently being implemented by CARB may help in reducing the proposed Project's GHG emissions and are summarized in **Table 2-13**, above.

As presented in **Table 2-14** the VVBF Project will conform with the applicable SBCOG GHG emission reduction strategies for the City of Victorville. **Table 2-15** above shows that the VVBF project will conform with the City of Victorville's own GHG Reduction Strategies.

The purpose of the proposed Project is to support the diversion of organic waste streams from landfill disposal in alignment with SB 1383, generate renewable natural gas from these waste streams and thus reduce regional GHG emissions.

Not all of these measures are currently appropriate or applicable to the proposed Project. While future legislation could further reduce the Project's GHG footprint, the analysis of this is speculative and in accordance with CEQA Guidelines Section 15145, will not be further evaluated in this air quality technical report. CEQA

Guidelines Section 15130 notes that sometimes the only feasible mitigation for cumulative impacts may involve the adoption of ordinances or regulations rather than the imposition of conditions on a Project-by-Project basis. Global climate change is this type of issue. The causes and effects may not be just regional or statewide, they may also be worldwide. Given the uncertainties in identifying, let alone quantifying the impact of any single Project on global warming and climate change, and the efforts made to reduce emissions of GHGs from the Project through design, in accordance with CEQA Section 15130, any further feasible emissions reductions would be accomplished through CARB regulations adopted pursuant to AB32.

The analysis of GHG emissions is a different analysis than for criteria pollutants for the following reasons. For criteria pollutant, significance thresholds are based on daily emissions because attainment or non-attainment is primarily based on daily exceedances of applicable AAQS. Further, several AAQS are based on relatively short-term exposure effects to human health (one-hour and eight-hour standards), whereas the half-life of CO<sub>2</sub> is approximately 100 years, and as such the effects of GHGs occur over a longer timeframe than a single day. GHG emissions are typically considered to be cumulative impacts because they contribute to global climate change (versus local impacts). However, each Project resulting in an emissions increase would contribute to the cumulative impact that emissions occurring planet-wide have on global climate change. Thus, determination of whether the Project contribution is cumulatively considerable is required to evaluate this impact.

There are many requirements for sources to reduce GHG emissions and most originate from the AB32 Scoping Plan and associated programs administered by CARB. The Scoping Plan is the State's blueprint for how GHG reductions will be achieved. Local jurisdictions may have requirements as well, but the overall effort is centralized with CARB. Therefore, this impact evaluates whether the Project may conflict with the SBCOG GHG emission reduction strategies for the City of Victorville.

In the past 15 years, several new laws and executive orders were adopted that require additional reductions in years after 2020. For instance, Senate Bill 32 (Lara, 2016) requires that GHG emissions be 40% less than 1990 levels by 2030. More drastic still, Senate Bill 100 (de Leon, 2018) which was signed by the Governor recently requires 100% zero-carbon electricity by 2045. On the day SB 100 was signed into law, the Governor also signed Executive Order B-55-18 which commits California to total, economy-wide carbon neutrality by 2045. Clearly, the 2008 Guidance may be somewhat inadequate in producing a meaningful comparison by today's standards which propose a grand vision that, if achieved, would fundamentally change how business is conducted and citizens live in the State. Thus, as discussed in the most recent updates to the Scoping Plan, objectives of the Scoping Plan affect entire sectors of the economy and it no longer makes sense to evaluate GHG emissions on a Project-level. For these reasons, the proposed VVBF Project GHG emissions levels presented in **Table 2-12** are primarily for disclosure purposes.

In summary, the proposed Project would generate GHGs from electricity use and combustion of gasoline/diesel fuels, each of which is regulated near the top of the supply-chain. As such, each citizen of California (including the operator of the proposed Project) will have no choice but to purchase electricity and fuels produced in a way that is acceptable to the California market. Thus, proposed Project GHG emissions will be consistent with the relevant plan (i.e., AB 32 Scoping Plan). The proposed Project would meet its fair share of the cost to mitigate the cumulative impact of global climate change because the proposed VVBF Project would be purchasing energy from the California market as well as producing renewable natural gas.

For these reasons, the proposed Project would have a less than significant impact on the environment and on applicable GHG reduction plans. Therefore, the Project's contribution to cumulative global climate change impacts would *not be cumulatively considerable*.

## IX. Hazards & Hazardous Materials

### Hazards & Hazardous Materials Checklist Questions

IX. Hazards & Hazardous Materials Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section <a href="#">65962.5</a> and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard for people residing or working in the Project area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g) Expose people or structures to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### Checklist question IXa: Less than Significant with Mitigation

The VVBF Project will include the transportation of organic wastes and municipal biosolids to the Project site for processing. The proposed Project will produce up to 75 TPD of biochar for land application and includes up to 76 inbound and outbound truck trips per day. The proposed Project is required to prepare and comply with a Hazardous Materials Business Plan (HMBP) submitted to the San Bernardino County Fire Department, Hazardous Material Division that will address potential effects on the public or the environment that could be attributed to the transportation, use, and disposal of hazardous materials associated with the proposed Project.

**HAZ-1 A Hazardous Materials Business Plan prepared and submitted to the Certified Unified Program Agency shall incorporate best management practices designed to minimize the potential for accidental release of such chemicals and shall meet the standards required by California law for Hazardous Materials Business Plans. The facility managers shall implement these**

***measures to reduce the potential for accidental releases of hazardous materials or wastes. The Hazardous Materials Business Plan shall be approved prior to operation of the facility.***

The offsite operations of the gas line would be managed by Southwest Gas, which is under regulation by the California Public Utilities Commission and the San Bernardino County Fire Department, Hazardous Material Division. Therefore, the potential offsite effects on the public or the environment through the transportation, use, and disposal of hazardous materials would be less than significant. With implementation of an HMBP, potential impacts related to the use, transport, and disposal of hazardous materials would be a less than significant impact.

### **Checklist question IXb: Less than Significant with Mitigation**

The VVBF Project will receive organic waste and biosolids in large receiving bins. The food waste will then be pumped into the anaerobic digestion chambers where biogas will be produced. The proposed Project will have two 3.75-million-gallon water level anaerobic digestion tanks. The VVBF Project also includes transport, storage and use of various chemicals for the emissions control system and water treatment. The VVBF Project also includes storage of small quantities of sodium hydroxide (100 gallons) and sodium hypochlorite (100 gallons). Caustic soda (also known as sodium hydroxide) and sodium hypochlorite are not regulated substances under U.S. EPA's risk management program or California Accidental Release Prevention Program (CalARP) (U.S. EPA, 2022; CalARP, 2023).

The VVBF Project will be storing larger quantities of sulfuric acid (4,000 gal) and citric acid (2,000 gal). Sulfuric acid is a substance regulated by the U.S. EPA (2022) when stored in quantities of 10,000 gallons or more; as indicated, the proposed Project will be storing less than 10,000 gallons of sulfuric acid. The VVBF Project volume and concentration of sulfuric acid will not exceed the threshold quantity for CalARP, and therefore will not require a Risk Management Plan (RMP) under CalARP. Citric acid is not a regulated substance under U.S. EPA's risk management program or CalARP (U.S. EPA, 2022; CalARP, 2023), and therefore its use is not considered to be hazardous. However, in order to ensure that hazardous materials are handled appropriately and in accordance with state and federal regulations, **MM HAZ-2** shall be implemented.

***HAZ-2 The Hazardous Materials Business Plan shall assess the potential accidental release scenarios and identify the equipment and response capabilities required to provide immediate containment, control, and collection of any released hazardous material. Prior to issuance of the certificate of occupancy, the facility shall ensure that necessary equipment has been installed and training of personnel has occurred to obtain sufficient resources to control and prevent the spread of any accidentally released hazardous or toxic materials.***

During construction there may be a potential for accidental release of petroleum products in sufficient quantity to pose a significant hazard to people or the environment. The following mitigation measure **MM HAZ-3** will be incorporated into the SWPPP prepared for the Project and it can reduce such a hazard to a less than significant level.

***HAZ-3 All accidental spills or discharge of hazardous material during construction activities shall be reported to the Certified Unified Program Agency and shall be remediated in compliance with applicable state and local regulations regarding cleanup and disposal of the contaminant released. The contaminated waste will be collected and disposed of at an appropriately a licensed disposal or treatment facility. This measure shall be incorporated into the SWPPP prepared for the VVBF. Prior to accepting the site as remediated, the area contaminated shall be tested to verify that any residual***

***concentrations meet the standard for future residential or public use of the site.***

The proposed Project is required to comply with the solid-waste facilities permit to be issued by the San Bernardino County Department of Public Health, and the quantities of hazardous materials would be below regulated quantities under both U.S. EPA and CalARP. Because the VVBF Project will comply with applicable regulatory requirements and does not meet CalARP or U.S. EPA RMP thresholds, the proposed Project would have less than significant impacts to the public or the environment through reasonably foreseeable upset conditions involving the release of hazardous materials into the environment through the implementation of mitigation.

**Checklist question IXc: No Impact**

The proposed Project site is not located within 0.25 mile of an existing or proposed school. The nearest schools are Riverside Preparatory Middle School and Mojave River Academy, which are approximately 1.8 miles southeast from the proposed Project site. As there are no proposed or existing schools within one-quarter mile of the Project footprint, no impacts under this issue are anticipated, and no mitigation is required.

**Checklist question IXd: Less than Significant Impact**

The VVBF Project site appears on hazardous materials site lists pursuant to Government Code § 65962.5, including the California Department of Toxic Substances Control's EnviroStor, State Water Resources Control Board's (SWRCB's) list of leaking underground storage tanks (LUSTs) on GeoTracker, SWRCB's list of solid-waste disposal sites with waste constituents above hazardous waste levels outside the waste management unit, or SWRCB's list of active Cease and Desist Orders and Cleanup and Abatement Orders (California Environmental Protection Agency, 2023). The VVBF Project site is listed on SWRCB's list of LUST clean-up sites on GeoTracker under Case T0607100790 (California SWRCB, 2023b). On September 18, 1992, a leak of waste oil, motor oil, hydraulic oil, and/or lubricating oil was reported from an underground storage tank with an impact to the soil. The leak was stopped on September 18, 1992, and the case is listed as closed as of November 23, 1992. A Phase I Environmental Site Assessment (ESA) was completed for the VVBF Project site on September 23, 2022, which shows site remediation activities in San Bernardino County Fire Department records (Trinity Consultants, 2022), and confirms that the site does not contain any known hazards, either new or formerly identified by the SWRCB. This site has no potential to create a hazard that would affect the operations of the proposed Project. Therefore, the proposed VVBF would have no potential to create a significant hazard to the population or to the environment from their implementation. Impacts are less than significant. No mitigation is required.

**Checklist question IXe: Less than Significant With Mitigation**

The Project is located within 2 miles of Southern California Logistics Airport, a public airport in Victorville, California. The Project site is located within the Southern California Logistics Airport (SCLA) Land Use Plan, as the Airport is located less than a mile southwest of the Project site. During construction of facilities in close proximity to airports, there is a potential for workers at the site to be exposed to hazards from nearby airports. Construction contractors would be required to comply with Cal/OSHA regulations related to exposure to airport hazards, such as noise. The requisite adherence to these regulations would reduce construction worker exposure to airport-proximity related hazards such as noise, such that proposed VVBF construction activities would not expose employees to airport safety hazards. Construction impacts related to airport and aircraft hazards would be less than significant.

During operation, there is a potential that the operation of the VVBF could result in some conflicts with the SCLA Land Use Plan, based on former conversations with SCLA for similar uses within VVWRA property. As a

result, facility and operation measures shall be implemented for the proposed Project area to minimize impacts related to airport operations, as follows:

***HAZ-4 The following operational controls shall be implemented. a) Bird Cannons – set to operate at given intervals during operating hours; b) Bird bombs and whistler pyrotechnics – used by site personnel as a supplemental control tool; and c) Anaergia shall diligently pursue a depredation permit to allow direct control of birds and shall implement bird control in accordance with the depredation permit.***

These measures were deemed sufficient to control the potential conflicts between SCLA operations and the continued operation of the compost facility. No private airports are located within the vicinity of the proposed Project, and as such, none will be impacted by the proposed Project.

### **Checklist question IXf: Less than Significant With Mitigation**

The City of Victorville Local Hazard Mitigation Plan 2021 assesses the natural caused risks to the City of Victorville and creates mitigation strategies to reduce the potential hazards exposure (City of Victorville, 2022). The VVBF Project would not change existing emergency response or emergency evacuation routes outlined in the San Bernardino County Emergency Operations Plan (San Bernardino County, 2018). No roadways will be blocked during Project construction or operations. The San Bernardino County Fire Department Hazardous Material Division will review the Project’s HMBP. This plan will need to include all contingency measures and hazardous materials and waste onsite, which shall be enforced through **MM HAZ-1** and **HAZ-2**. Because the VVBF Project is not changing any existing emergency response or emergency evacuation plans described above and the Project will submit a HMBP to the Fire Department for review, the Project would have a less than significant impact on an adopted emergency response plan or emergency evacuation plan. No mitigation measures are required.

### **Checklist question IXg: Less than Significant Impact**

The VVBF Project site is located within a “moderate fire hazard severity zone” not located within an area defined as having a “very high fire hazard severity” for wildland fires (California Office of the State Fire Marshal, 2022). Further, the proposed Project would be built on land already developed as an industrial site and would comply as required by law with California Building Code, California Fire Code, and any other applicable State and local fire safety requirements. Neither the construction nor the continued operation of the VVBF Project would impair the City of Victorville’s Wildfire Mitigation Plan. Additionally, the Project is in a rural area and is not adjacent to any urbanized areas or residences. As such, the proposed Project would not expose people or structures to a significant risk of loss, injury, or death involving wildland fires. Furthermore, the City of Victorville is designated as a Tier 1 Fire-Threat Area by the California Public Utilities Commission (CPUC) Fire-Threat Map; Tier 1 represents areas with the lowest hazards and risks for fires ignited by electrical lines. Even so, the proposed Project does not call for the expansion of power lines to the site. For these reasons, the proposed Project would have a less than significant impact on wildland fire risks. No mitigation measures are required.

## X. Hydrology / Water Quality

### Hydrology / Water Quality Checklist Questions

<b>X. Hydrology / Water Quality</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	<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 offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### Checklist question Xa: Less than Significant with Mitigation

The VVBF Project is located on land already developed as a series of holding ponds for the drying of biosolids at the VVWRA. The California Regional Water Quality Board (RWQCB) for the Lahontan Region granted the VVWRA permission to discharge as much as 14 million gallons per day (mgd) of treated wastewater into the

Mojave River in a calendar year, and likewise as much as 22 mgd of recycled water (California RWQCB, 2020). These permissions were granted under Order No. R6V-2020-0028, which also outlines other discharge prohibitions and monitoring requirements for the VVWRA facility. The goal of this Waste Discharge Requirements order is to protect water and soil from contamination due to wastewater discharge; if the prohibitions are violated or the monitoring requirements aren't met, this permission can be rescinded. VVWRA has already agreed to accept and treat the wastewater produced by the VVBF Project and additionally the VVBF Project will process biosolids from VVWRA and remove that waste stream from the VVWRA processes and therefore no new discharge orders are required. Compliance with the following mitigation measure will control future nonpoint source pollutant discharges from the Project site. Implementation of this measure in conjunction with the State Water Resources Control Board and National Pollutant Discharge Elimination System (NPDES) program would reduce the impact to the issue of erosion and sedimentation to less than significant.

***HYD-1 The construction contractor shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP), which specifies Best Management Practices (BMPs) that will be implemented to prevent construction pollutants from contacting stormwater with the intent of keeping all products of erosion from moving offsite. The SWPPP shall be developed with the goal of achieving a reduction in pollutants both during and following construction to control storm water runoff to the maximum extent practicable based on available, feasible best management practices.***

***The following BMPs or comparable measures shall be included in the SWPPP:***

- ***Stockpiled material should not be stored in areas which are subject to the erosive flows of water.***
- ***Measures such as the use of straw bales, sandbags, silt fencing or detention basins shall be used to capture and hold eroded material for future cleanup.***
- ***Rainfall will be prevented from entering material and waste storage areas and pollution-laden surfaces.***
- ***Construction-related contaminants will be prevented from leaving the site and polluting waterways.***
- ***A spill prevention control and countermeasures and remediation plan shall be in place and implemented to control release of hazardous substances.***

Additionally, to address stormwater and accidental spills within this environment, any new Project must ensure that site development implements a SWPPP and a NPDES to control potential sources of water pollution that could violate any standards or discharge requirements during construction and a Water Quality Management Plan (WQMP) to ensure that Project-related after development surface runoff meets discharge requirements over the short- and long-term. The WQMP would specify stormwater runoff permit Best Management Practices (BMPs) requirements for capturing, retaining, and treating on site stormwater once the VVBF has been developed. Because the Project site consists of impervious surfaces, onsite drainage will generally be directed to a new bioretention pond (refer to Appendix 7, Hydrology Report). The SWPPP would specify the BMPs that the Project would be required to implement during construction activities to ensure that all potential water pollutants of concern are prevented, minimized, and/or otherwise appropriately treated prior to being discharged from the subject property. For these reasons, the VVBF Project would have a less than significant impact on surface and groundwater quality.

### Checklist question Xb: Less than Significant Impact

The VVBF Project would receive its water supplies from the VVWRA's existing water connection with the Victorville Water District. Implementation of the proposed Project will not deplete groundwater supplies that would substantially affect the water availability for existing or planned land uses or biological resources. The WQMP determined that the implementation of infiltration BMPs would not pose a significant risk for groundwater related concerns.

The proposed VVBF Project will produce up to 805,920 MMBtu/year of pipeline-injected RNG from biogas treatment from organics processing and anaerobic digestion of up to 700 TPD of recovered organic waste and 200 TPD liquid organic waste and will also produce up to 55 TPD of dried solids for land application. The Project will also produce up to 71 TPD of biochar as an input for soil nutrients blend from 550 TPD of offsite biosolids and 875 TPD (at 2.2 percent solids) of onsite VVWRA digestate. **Figure 1-4** shows a block flow diagram of the proposed facility's major production processes. The Project would be supplied with water by VWD that uses groundwater in Mojave Groundwater Basin and purchases water from MWA's Regional Recharge and Recovery Project, when available, to meet primary customer demand. Additionally, the VVBF would be supplied with recycled water from VVWRA. The VVBF's water use is outlined in **Table 2-16, below**.

**Table 2-16 Utility Usage**

Utility	Daily Average Requirements	Annual Requirements	Source
Potable Water	0.21 AF or 68,428.7 GPD <sup>1</sup>	75.33 AFY	VVWRA
Recycled Water	--	56.15 AFY	VVWRA

<sup>1</sup> Gallons per day

The District's Urban Water Management Plan (UWMP) (Victorville Water District 2021) identifies sufficient water resources to meet demand in its service area. The total water supply for VWD in 2020 was 23,452 acre feet (AF), while the demand total use was 21,362 AF. According to the Project Applicant, the proposed Project would use approximately 75.33 AFY. Based on the projected potable water demand within the VWD retail service area for 2025, 24,720 AFY, and for 2045, 30,480 AFY, it is anticipated that the additional 75.33 AFY of potable water demanded by the Project can be accommodated into the future. The anticipated available water supply within VWD's service area is forecast to be greater than the demand for water in the future, which indicates that VWD has available capacity to serve the proposed Project without significant adverse impacts on area groundwater basins. Furthermore, the Lead Agency, VVWRA, has indicated that it produces sufficient recycled water to serve the proposed VVBF operations within its existing and forecasted supply.

It is anticipated that the proposed Project would result in a minor increase in surface runoff recharge because the majority of the site is presently impermeable surface, and will continue to be impermeable with the development of the VVBP. Thus, the development of the Project would not substantially interrupt the existing percolation of the site, or any flow of groundwater under the Project site. Impacts to groundwater resources are forecast to be less than significant from implementing the proposed Project. No mitigation is required.

### Checklist question Xc(i): Less than Significant Impact

The VVBF Project is located on land already developed as a series of holding ponds for the VVWRA. While their removal for the VVBF Project would reduce the area of total pervious soil at the proposed Project site, the proposed Project is not anticipated to significantly change the volume of flows downstream of the Project site and would not be anticipated to change the amount of surface water in any water body in an amount that could initiate a new cycle of erosion or sedimentation downstream of the Project site. The onsite drainage system will capture the incremental increase in runoff from the Project site associated with Project

development, or will otherwise convey flows in a controlled manner. The Hydrology Study prepared by X Engineering & Consulting, Inc for the Project site (provided as Appendix 7) indicates that a 24" storm drain with a slope of 0.5% will have adequate capacity to convey the increased storm flows resulting from VVBF development. Onsite stormwater can surface flow to a dual-purpose bioretention BMP, which can be utilized to detain peak flows and treat stormwater generated onsite. The BMP is proposed to discharge to the wash along the southern boundary of the facility via an onsite storm drain, joining the offsite flows from the west. This will prevent discharge from the expansion from flowing onto the existing facility. It will also lead to less stormwater being generated by the existing facility and flowing to the existing stormwater pump station. Additionally, a bioretention pond with a footprint of approximately 6,600 square feet would be sufficient to provide water quality treatment for the facility. The WQMP would provide BMPs necessary to mitigate potential downstream pollution and erosion of natural waterways and would be incorporated into the design of the Project. Thus, treated surface runoff would be discharged in conformance with San Bernardino County and City of Victorville requirements. The downstream drainage system would not be altered given the control of future surface runoff from the Project site; thus, the potential for downstream erosion or sedimentation would be controlled to a less than significant level.

### **Checklist question Xc(ii): Less than Significant Impact**

The VVBF Project is located on land already developed as a series of holding ponds for the VVWRA. While their removal for the VVBF Project would reduce the area of total pervious soil at the proposed Project site, the proposed Project is not anticipated to significantly change the volume of flows downstream of the Project site and would not be anticipated to change the amount of surface water in any water body in an amount that could initiate a new cycle of erosion or sedimentation downstream of the Project site. The onsite drainage system will capture the incremental increase in runoff from the Project site associated with Project development, or will otherwise convey flows in a controlled manner. The Hydrology Study prepared by X Engineering & Consulting, Inc for the Project site (provided as Appendix 7) indicates that a 24" storm drain with a slope of 0.5% will have adequate capacity to convey the increased storm flows resulting from VVBF development. Onsite stormwater can surface flow to a dual-purpose bioretention BMP, which can be utilized to detain peak flows and treat stormwater generated onsite. The BMP is proposed to discharge to the wash along the southern boundary of the facility via an onsite storm drain, joining the offsite flows from the west. This will prevent discharge from the expansion from flowing onto the existing facility. It will also lead to less stormwater being generated by the existing facility and flowing to the existing stormwater pump station. Additionally, a bioretention pond with a footprint of approximately 6,600 square feet would be sufficient to provide water quality treatment for the facility. The WQMP would provide BMPs necessary to mitigate potential downstream pollution and erosion of natural waterways and would be incorporated into the design of the Project. Treated surface runoff will be required to be discharged in conformance with San Bernardino County and City of Victorville requirements. Thus, the implementation of onsite drainage improvements and applicable requirements would ensure that stormwater runoff would not substantially increase the rate or volume of runoff in a manner that would result in flooding on- or off-site. Impacts under this issue are considered less than significant with no mitigation required.

### **Checklist question Xc(iii): Less than Significant With Mitigation**

The VVBF Project is located on land already developed as a series of holding ponds for the VVWRA. While their removal for the VVBF Project would reduce the area of total pervious soil at the proposed Project site, the proposed Project is not anticipated to significantly change the volume of flows downstream of the Project site and would not be anticipated to change the amount of surface water in any water body in an amount that could initiate a new cycle of erosion or sedimentation downstream of the Project site. The onsite drainage system will capture the incremental increase in runoff from the Project site associated with Project development, or will otherwise convey flows in a controlled manner. The Hydrology Study prepared by X Engineering & Consulting, Inc for the Project site (provided as Appendix 7) indicates that a 24" storm drain with a slope of 0.5% will have adequate capacity to convey the increased storm flows resulting from VVBF

development. Onsite stormwater can surface flow to a dual-purpose bioretention BMP, which can be utilized to detain peak flows and treat stormwater generated onsite. The BMP is proposed to discharge to the wash along the southern boundary of the facility via an onsite storm drain, joining the offsite flows from the west. This will prevent discharge from the expansion from flowing onto the existing facility. It will also lead to less stormwater being generated by the existing facility and flowing to the existing stormwater pump station. Additionally, a bioretention pond with a footprint of approximately 6,600 square feet would be sufficient to provide water quality treatment for the facility. The WQMP would provide BMPs necessary to mitigate potential downstream pollution and erosion of natural waterways and would be incorporated into the design of the Project. Furthermore, the Project would require the implementation of a SWPPP and WQMP, and implementation of **MM HAZ-2**, which will ensure that discharge of polluted material does not occur or is remediated in the event of an accidental spill. Thus, the implementation of onsite drainage improvements and applicable requirements would ensure that that drainage and stormwater would not create or contribute runoff that would exceed the capacity of existing or planned offsite stormwater drainage systems or provide substantial additional sources of polluted runoff. Impacts under this issue are considered less than significant with implementation of mitigation.

#### **Checklist question Xc(iv): No Impact**

Although the proposed Project site is located near to the Mojave River, it is not located on land designated as a Flood Hazard Zone by the Federal Emergency Management Agency (FEMA), nor is it at any risk from tsunamis or seiches, both of which require a large body of water in the immediate vicinity (FEMA, 2008). As the proposed Project site is not at risk of inundation, there is no potential for onsite pollutants to leave the proposed Project site due to a flood, tsunami, or a seiche. Furthermore, while a portion of the VVWRA facility does lie within a potential flood pathway, that is not where the proposed Project would be constructed; in fact, the land for the VVBF Project has an elevation roughly 50 feet higher than the section that is located within the potential flood pathway. For these reasons, the VVBF Project would have no impact on the listed criterion.

#### **Checklist question Xd: Less than Significant With Mitigation**

Please refer to response IX(c) above. The proposed Project is not located within a flood hazard, tsunami, or seiche zone. As stated above, the Project site is located within VVWRA's wastewater treatment operations. During construction, runoff will be managed through implementation of a SWPPP and WQMP, and implementation of **MMs HAZ-2** and **HYD-1**, which will ensure that the risk of release of pollutants from the Project site is less than significant. The Project is located more than 75 miles from the Pacific Ocean, which eliminates the potential for a tsunami to impact the Project area. Additionally, a seiche would not occur within the vicinity of the Project because no lakes or enclosed bodies of water exist near the site that could be impacted by such an event. Finally, according to the San Bernardino Countywide Plan, the proposed Project is located outside of the area of potential flood inundation to the east of the Project site. As such, with the implementation of **MMs HAZ-2** and **HYD-1** above, the proposed Project would have a less than significant potential to risk release of pollutants due to Project inundation.

#### **Checklist question Xe: Less than Significant Impact**

Please refer to the discussion under issue X(b) above. The Sustainable Groundwater Management Act (SGMA) "requires governments and water agencies of high and medium priority basins to halt overdraft and bring groundwater basins into balanced levels of pumping and recharge. Under SGMA, these basins should reach sustainability within 20 years of implementing their sustainability plans. For critically over-drafted basins, that will be 2040. For the remaining high and medium priority basins, 2042 is the deadline (California Department of Water Resources, 2023). The Mojave River Basin is under very low priority. As the Mojave River Basin is under very low priority, it is currently not required to prepare a sustainable groundwater management plan

because it is adjudicated and the Project will not interfere with the overall water quality of the Mojave River Basin. The MWA Watermaster manages transfers from the Groundwater Basin and assesses a fee commensurate with the amount of water extracted. Though the Groundwater Basin has several sub-basins that have experienced overdraft in the last 10 years, the Watermaster replaces overdrafts through fees collected from water users that is used to purchase additional water supplied through the State Water Project (Mohave Water Agency, 2023). Furthermore, compliance with the State water conservation measures is enforced through VWD. As such, it is not anticipated that the proposed Project would have a significant potential to conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

## XI. Land Use / Planning

### Land Use / Planning Checklist Questions

<b>XI. Land Use / Planning</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Background

The proposed site for the VVBF Project lies on land currently designated by the City of Victorville for "Open Space and Specific Plan (SCLA), and zoned for Exclusive Agriculture and Specific Plan (SCLA). The proposed Project site itself is already developed as a series of holding ponds for the VVWRA.

### Checklist question XIa: No Impact

The VVBF Project site lies within the overall VVWRA wastewater treatment operations site. There is no development directly adjacent to the boundaries of the VVWRA operations site; as such, given that the proposed VVBF will occur entirely within the boundaries of the VVRWA operations site, it is not anticipated that the development of the proposed VVBF will physically divide an established community. No impacts under this issue are anticipated and no mitigation is required.

### Checklist question XIb: Less than Significant Impact

The proposed site for the VVBF Project lies on land currently zoned by the City of Victorville for "Open Space and Specific Plan (SCLA), and zoned for Exclusive Agriculture and Specific Plan (SCLA), and as the VVBF Project would be located within the VVWRA site, the proposed Project would not change the existing use of the Project area. The City's General Plan 2030 document contains no plans, policies, or regulations, proposed or otherwise, by which the with the VVBF Project would conflict. Additionally, the Climate Action Plan released by the City calls for increased energy efficiency at wastewater treatment facilities, to which the VVBF Project would contribute. The VVBF Project includes the conversion of organic waste streams into RNG and the addition of solar array at the site, which would generate electricity for both the VVBF Project and the VVWRA facility. Based on this information, implementation of the proposed Expansion Project would not conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the Project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect. Any impacts under this issue are considered less than significant and no mitigation is required.

## XII. Mineral Resources

### Mineral Resources Checklist Questions

<b>XII. Mineral Resources</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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"/>

### Background

The VVBF Project lies on land already in use by the VVWRA as a wastewater reclamation facility, which has no known mineral resources on the property. The nearest property with known mineral resources is the CalPortland Oro Grande Aggregate Plant operation, which lies more than 1 mile to the southeast of the Project site.

### Checklist question XIIa and XIIb: No Impact.

The VVBF Project lies on land already in use as a series of holding ponds for the VVWRA, which has no known mineral resources. The San Bernardino Countywide Plan identifies the Project site as being located within the MRZ-3a zone (Areas where the available geologic information indicates that mineral deposits are likely to exist; however, the significance of the deposit is undetermined). Implementation of the VVBF will not cause the loss of a known mineral resource of value to the region or residents of the state or the loss of access to locally important mineral resource recovery site. This is because, while a potential for aggregate resources may exist, no mining development has been proposed to date, and the installation of Project is not a use that would preclude future mining activities or be anticipated to be within a site that would be suitable for future mining activities as a result of existing uses Project footprint. The area to the east of the Project site (CalPortland Oro Grande) contains several cement plants that do contain mining operations, but these plants are located across the Mojave River, while the area in which the Project has not been previously mined for any mineral/aggregate resources. No specific plan or other land use plan is in place that would delineate important mineral resources at the Project site. Therefore, the development of the Project will not cause any loss of mineral resource values to the region or residents of the state, nor would it result in the loss of any locally important mineral resources within the City. No impacts would occur under these issues. No mitigation is required.

### XIII. Noise

#### Noise Checklist Questions

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

#### Background

Noise is generally described as unwanted sound. The proposed VVBF Project will develop a portion of the VVWRA wastewater treatment operations site to expand the existing VVRCF to produce up to 805,920 MMBtu/year of pipeline-injected RNG from biogas treatment from organics processing and anaerobic digestion of up to 700 TPD of recovered organic waste and 200 TPD liquid organic waste and will also produce up to 55 TPD of dried solids for land application. The Project will also produce up to 71 TPD of biochar as an input for soil nutrients blend from 550 TPD of offsite biosolids and 875 TPD (at 2.2 percent solids) of onsite VVWRA digestate. **Figure 1-4** shows a block flow diagram of the proposed facility’s major production processes. The proposed Project is located adjacent to the VVWRA operations to the east, with the Mojave River farther to the east, and with desert vacant land to the west. The Project site is located adjacent to the existing to the VVWRA operations site to the east. To the west is SCLA, which is a source of background noise in the Project vicinity. Additionally, east of the Mojave River are two cement plants, which generate a significant amount of noise; however, much of the noise generated by the operations of the cement plants attenuates to a minimal level at the Project site.

The unit of sound pressure ratio to the faintest sound detectable to a person with normal hearing is called a decibel (dB). Sound or noise can vary in intensity by over one million times within the range of human hearing. A logarithmic loudness scale, similar to the Richter scale for earthquake magnitude, is therefore used to keep sound intensity numbers at a convenient and manageable level. The human ear is not equally sensitive to all sound frequencies within the entire spectrum. Noise levels at maximum human sensitivity from around 500 to 2,000 cycles per second are factored more heavily into sound descriptions in a process called “A-weighting,” written as “dBA.”

Leq is a time-averaged sound level; a single-number value that expresses the time-varying sound level for the specified period as though it were a constant sound level with the same total sound energy as the time-varying level. Its unit is the decibel (dB). The most common averaging period for Leq is hourly.

Because community receptors are more sensitive to unwanted noise intrusion during more sensitive evening and nighttime hours, state law requires that an artificial dBA increment be added to quiet time noise levels. The State of California has established guidelines for acceptable community noise levels that are based on the Community Noise Equivalent Level (CNEL) rating scale (a 24-hour integrated noise measurement scale). The guidelines rank noise land use compatibility in terms of "normally acceptable," "conditionally acceptable," and "clearly unacceptable" noise levels for various land use types. The State Guidelines, Land Use Compatibility for Community Noise Exposure, single-family homes are "normally acceptable" in exterior noise environments up to 60 dB CNEL and "conditionally acceptable" up to 70 dB CNEL based on this scale. Multiple family residential uses are "normally acceptable" up to 65 dB CNEL and "conditionally acceptable" up to 70 CNEL. Schools, libraries and churches are "normally acceptable" up to 70 dB CNEL, as are office buildings and business, commercial and professional uses with some structural noise attenuation.

### **Checklist question XIIIa: Less Than Significant With Mitigation**

The proposed Project site is located within the property of VVWRA within the City of Victorville. This noise assessment evaluates the VVBF Project by the City's noise standards, specifically, applicable standards presented within the City's General Plan 2030 (Victorville, 2008) and Code of Ordinances (Victorville, 2022). The proposed Project site is located in a remote area of Victorville, within the fence line of VVWRA. The Southern California Logistics Airport is located approximately 1 mile to the southwest.

The Noise Element of the City of Victorville General Plan establishes noise quality standards for land use categories based on the State of California Office of Noise Control land use compatibility recommendations. The Noise Element shows the community exposure to noise recommended as normally acceptable, conditionally acceptable, normally unacceptable, and clearly unacceptable for various classes of land use sensitivity. The City of Victorville Land Use Compatibility Standards recommend a Community Noise Exposure of 55-70 dB CNEL for Industrial, Manufacturing, and Utility uses. The VVRCF, VVWRA and SCLA activities dominate background noise within the Project area; the cement plant to the east generates a substantial amount of noise, but that noise attenuates before it reaches the Project site.

Short-term construction noise impacts associated with the proposed Project will occur in phases dominated by earth moving equipment and small structural construction equipment. The earth-moving sources are the noisiest type of equipment typically ranging from 75 to 90 dB at 50 feet from the source. Refer to **Table 2-17** below, which shows construction equipment noise levels at 25, 50 and 100 feet from the noise source.

The proposed Project has the potential to generate noise as a result of temporary construction activities as well as ongoing industrial activities once the facility is operational. Specifically, onsite heavy-duty equipment and offsite haul trucks would generate noise during the Project construction phase, which is estimated to take 24 months. It is important to note that per Section 13.01.060 of the City's Code of Ordinances, construction activities on private property are generally exempt from the City's noise standards. Additionally, the nearest residential community is Oro Grande, approximately 1.5 miles to the southeast of the proposed Project and across the Mojave River. The topography of the area (a hill separates the VVWRA site and the nearest residences to the south) and the vegetation in the riparian area of the Mojave River channel attenuate sound from construction at a rate of six or seven decibels per doubling of distance. Therefore, noise generated by construction equipment will be attenuated to well within the City and County Noise thresholds for rural residential uses. Further, temporary construction activities would primarily occur during daytime hours.

**Table 2-17 Noise Levels of Construction Equipment at 25, 50 and 100 Feet from the Source**

<b>Equipment</b>	<b>Noise Levels (DBa Leq) at 25 feet</b>	<b>Noise Levels (DBa Leq) at 50 feet</b>	<b>Noise Levels (DBa Leq) at 100 feet</b>
<b>Earthmoving</b>			
Front Loader	85	79	73
Backhoes	86	80	74
Dozers	86	80	74
Tractors	86	80	74
Scrapers	91	85	79
Trucks	91	85	79
<b>Material Handling</b>			
Concrete Mixer	91	85	79
Concrete Pump	88	82	76
Crane	89	83	77
Derrick	94	88	82
<b>Stationary Sources</b>			
Pumps	82	79	70
Generator	84	78	72
Compressors	87	81	75
Other			
Saws	84	78	72
Vibrators	82	76	70

Source: U.S. Environmental Protection Agency "Noise"

The short-term noise impacts associated with Project construction activities are forecast to be less than significant through compliance with the City Municipal Code and by implementing the following measures. As construction activities may be a nuisance to nearby residents, the following mitigation shall be implemented:

- NOI-1 VVWRA shall require that all construction equipment be operated with mandated noise control equipment (mufflers or silencers). Enforcement will be accomplished by random field inspections by applicant personnel during construction activities.***
- NOI-2 Equipment not in use for five minutes shall be shut off.***
- NOI-3 Equipment shall be maintained and operated such that loads are secured from rattling or banging.***
- NOI-4 Where commercially available, electric-powered equipment shall be used rather than diesel equipment and hydraulic-powered equipment shall be used instead of pneumatic power.***
- NOI-5 Construction employees shall be trained in the proper operation and use of equipment consistent with these mitigation measures, including no unnecessary revving of equipment. This measure shall be included in the construction contract as a contract specification by the contractor.***
- NOI-6 No radios or other sound equipment shall be used at this site unless required for emergency response by the contractor.***

***NOI-7 Construction shall be limited to the hours of 7 AM and 6 PM Monday through Friday, 8 AM and 5 PM Saturday, and shall not be allowed on Sundays or any Federal Holiday unless an emergency warrants the continuation of construction outside of the aforementioned hours.***

Thus, based on the existing noise circumstances within the vicinity of the Project (i.e. from the Airport and from VVWRA operational noise adjacent to the Project site), short-term noise impacts are considered less than significant with the implementation of the mitigation measures above.

The long term or permanent change in noise will consist of the addition of heavy equipment movement within the site that would be comparable to the activities that currently take place at VVWRA. Once the facility is operational, various process tanks, pumps, fans, and other industrial processes would also generate noise semi-continuously, 24 hours per day. While the proposed Project would represent a new source of noise in the local area, due to the Project's proximity to the Southern California Logistics Airport and VVWRA, it is presumed that existing aircraft flyovers/industrial noise would continue to represent the dominant sources of background noise within the Project vicinity. Additionally, any noise generated by the proposed Project's industrial operations would be compatible with the existing remote industrial setting. Furthermore, activities that would occur within the existing and expanded VVBF must comply with the Municipal Code, and as such must comply with the City's noise standards. Through compliance with the City's Municipal Code, and because of the great distance between the Project site and the nearest sensitive receptor, the Project will have a less than significant potential to create a substantial permanent increase in ambient noise levels in the vicinity of a Project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies. No mitigation measure to minimize long term noise impacts are required.

Due to the large distance between the Project site and any sensitive receptors, and because the Project would be developed in a remote industrial area with existing sources of noise, the VVBF Project would not generate a substantial temporary or permanent increase in ambient noise levels in excess of applicable City of Victorville standards. For these reasons, the proposed Project would have a less than significant impact regarding this checklist question.

**Checklist question XIIIb: Less Than Significant Impact**

Vibration is the periodic oscillation of a medium or object. The rumbling sound caused by vibration of room surfaces is called structure borne noises. Sources of groundborne vibrations include natural phenomena (e.g., earthquakes, volcanic eruptions, sea waves, landslides) or human-made causes (e.g., explosions, machinery, traffic, trains, construction equipment). Vibration sources may be continuous or transient. Vibration is often described in units of velocity (inches per second), and discussed in decibel (dB) units in order to compress the range of numbers required to describe vibration. Vibration impacts related to human development are generally associated with activities such as train operations, construction, and heavy truck movements.

The FTA Assessment states that in contrast to airborne noise, ground-borne vibration is not a common environmental problem. Although the motion of the ground may be noticeable to people outside structures, without the effects associated with the shaking of a structure, the motion does not provoke the same adverse human reaction to people outside. Within structures, the effects of ground-borne vibration include noticeable movement of the building floors, rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. FTA Assessment further states that it is unusual for vibration from sources such as buses and trucks to be perceptible, even in locations close to major roads. However, some common sources of vibration are trains, trucks on rough roads, and construction activities, such as blasting, pile driving, and heavy earth-moving equipment. The Federal Transit Association (FTA) guidelines identify a level of 80 VdB for sensitive land uses. This threshold provides a basis for determining the relative significance of potential Project related vibration impacts.

Onsite Project construction activities, specifically ground-disturbing activities, could potentially generate vibration; however, vibration levels would be minimal and localized to the Project site. The topography of the

Project area—a hill separates the VVBF site and the nearest residences to the south, the distance from any nearby sensitive receptors, and the vegetation coverage found adjacent to the Project site in the riparian area of the Mojave River channel—contributes to the attenuation of vibration. No blasting or significant earthwork would be required during Project construction. Additionally, there are no structures or sensitive receptors within the Project vicinity that would be affected by temporary construction activities. Once the facility is operational, none of the onsite wastewater treatment processes are expected to generate vibration levels that would exceed the threshold of human perception. For these reasons, the VVBF Project would not generate excessive groundborne vibration or groundborne noise levels and would therefore have less than significant groundborne vibration and noise impacts.

### **Checklist question XIIIc: Less Than Significant Impact**

As stated above, the proposed Project site is located within 2 miles of a private airstrip/airport land use plan, specifically the Southern California Logistics Airport is located approximately 1 mile to the southwest. The current Southern California Logistics Airport Specific Plan (Victorville, 2021) presents various noise contour maps (see Exhibit 2.3 within the SCLA Specific Plan), meant to highlight areas in and around the airport where aircraft noise could present a potential nuisance to human receptors. Per the current Southern California Logistics Airport contour map, it appears the proposed Project site is located outside the relevant CNEL 65 and 60 decibel noise contours. However, the City of Victorville General Plan 2025 Noise Contour map for SCLA indicates that portions of the VVBF are located within the Long Range CNEL Contour with Marginal Effect. While the proposed Project site is located near the northeast-southwest approach route of the secondary runway, it is not located within the vicinity of the north-south primary runway approach route, which, per the noise contour map, those areas near the primary runway present the greater potential to experience noise impacts. Lastly, the proposed Project would not create dwellings or result in any permanent new residences within the area. While onsite industrial workers may hear periodic noise due to aircraft overflights, this noise source would be infrequent and is not expected to be a nuisance or adversely affect the onsite workers. Furthermore, the operation of the Project would be subject to CAL/OSHA requirements, which would ensure that noise safety hazards are minimized for persons working in the area. For these reasons, the VVBF Project would not expose people residing or working within the Project area to excessive noise levels as a result of aircraft activity at the nearby Southern California Logistics Airport and would have a less than significant impact regarding this checklist question.

## XIV. Population / Housing

### Population / Housing Checklist Questions

<b>XIV. Population / Housing</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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"/>

#### Checklist question XIVa: Less than Significant Impact

Once construction is complete, the VVBF Project will employ approximately 30 people onsite; the Project would require a temporary construction work force of approximately 100 to 125 people, primarily contractors and subcontractors. According to the Southern California Association of Governments (SCAG) Local Profile for the City of Victorville indicates that the 2020 population of the City was 127,518. The SCAG Connect SoCal Technical Report Demographics and Growth Forecast an estimated City population of indicates that the 2045 population within the City of Victorville is projected to be 194,500 persons (SCAG, 2021). Given that the current population of the City of Victorville is about 67,000 persons less than the projected 2045 population, the potential for an additional maximum of 104 new permanent residents, and up to 431 temporary residents, within the City of Victorville (calculated as if the Project were to draw permanent employees to the area to become new residents of the City with their families, utilizing an average household size of 3.45, as indicated by SCAG), is considered less than significant. Under this worst-case assumption, the population increase within the City resulting from the Project implementation represents only about 0.16% of the potential anticipated growth in the long term, or 0.64% over the short-term, between the present population and the City's projected build-out population.

As discussed in **Section XI**, Land Use and Planning, the proposed Project is consistent with the General Plan's Open Space and Specific Plan (SCLA) and would not induce substantial growth beyond what was considered in the General Plan or SCAG population forecasts for the area. The Project would be within the growth envisioned under the City's General Plan and would not result in substantial population growth. Impacts would be less than significant.

#### Checklist question XIVb: No Impact

The VVBF Project lies on land currently in use as a series of holding ponds for the VVWRA and no housing exists on the property. For this reason, the proposed Project would not displace substantial numbers of existing people or housing and thus would have no impact on existing population and housing.

## XV. Public Services

### Public Services Checklist Questions

<b>XV. Public Services</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
a) Would the Project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### Checklist question XVa (Fire Protection): Less than Significant Impact

The City is served by the Victorville Fire Department (VFD). The nearest fire station serving the Project is Station 314 which is located at 17008 Silica Drive approximately 0.3 miles south of the Project site. The proposed Project would require a fire protection review, which would ensure the proposed Project be developed to development standards designed to provide maximum fire protection. Additionally, the proposed Project would be required to comply with the California Fire Code adopted through Section 8.08.020 of the VMC. The proposed Project would incrementally add to the existing demand for fire protection services. The VVBF Project would be built on land already developed for industrial use by the VVWRA and would replace a series of holding ponds currently in the northwest portion of the property. This would not represent an adverse physical impact, as the ponds are currently used to hold biosolids that are then sent to landfills. The VVBF would instead process those biosolids to generate renewable natural gas. As the VVBF Project is a bioenergy production plant, there is a greater risk of fire, but the proposed Project would be operating under a contingency plan as well as the San Bernardino County CUPA. As this Project would effectively be incorporated into VVWRA's operations, it would not be required to contribute to the payment of the Development Impact Fee (DIF) dedicated to fire capital improvement costs. Based on the discussion above, and the availability of fire protection services within the City of Victorville, this impact would be less than significant.

#### Checklist question XVa (Police Protection): Less than Significant Impact

The City receives police services through the San Bernardino County Sheriff Department. The Victorville Police Department is responsible for providing public safety to a geographical area of approximately 74 square miles with a population of approximately 115,000 residents. The Department enforces local, state, and federal laws; performs investigations and makes arrests; administers emergency medical treatment; and responds to City emergencies. The sheriff station is located at 14200 Amargosa Road, Victorville, CA 92392. The proposed

Project will not include the kind of uses or activities that would likely attract criminal activity, except for random trespass and theft; however, any random trespass is unlikely given that the VVBF is fenced the area operated and owned by VVWRA, which controls site access and the type of activities at the site do not typically attract criminal activities. Therefore, implementation of the proposed Project would not substantially increase the demand for law enforcement services beyond that already existing at the Expansion site.

#### **Checklist question XVa (Schools): Less than Significant Impact**

The proposed Project is not anticipated to generate many long-term jobs, nor attract many new residents to the area, as such the Project is not anticipated to generate any substantial new direct demand for the area schools. The Project area is served by several school districts including the following: Victorville Elementary School District, Victor Valley Union High School District, and the Adelanto School District. The State of California requires a portion of the cost of construction of public schools to be paid through a fee collected on residential, commercial, and industrial developments. The DIF mitigation program of the area School Districts adequately provides for mitigating the impacts of the development in accordance with current state law. As this Project would effectively be incorporated into VVWRA's operations, it would not be required to contribute to the payment of the DIF dedicated to schools. No other mitigation is identified or needed to reduce school impacts of the proposed Project to a less than significant level.

#### **Checklist question XVa (Parks): Less than Significant Impact**

The proposed Project will not directly add to the existing demand on local recreational facilities. The proposed Project is not anticipated to generate many long-term jobs, nor attract many new residents to the area, as such the Project is not anticipated to generate new direct demand for parks within the City, as Project would have a minimal potential to induce substantial population growth within the City. The provision of parks within the City is provided through Park DIF on new development. As this Project would effectively be incorporated into VVWRA's operations, it would not be required to contribute to the payment of the DIF dedicated. Thus, the proposed Project will have a less than significant impact to parks and recreation facilities.

#### **Checklist question XVa (Other Public Services): Less than Significant Impact**

Other public facilities include library and general municipal services. Since the Project will not directly induce substantial population growth, it is not forecast that the use of such facilities will substantially increase as a result of the proposed Project. Thus, any impacts under this issue are considered less than significant, and no mitigation is required.

## XVI. Recreation

### Recreation Checklist Questions

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

### Significance Criteria

The proposed Project impacts on recreation will be considered significant if:

- ▶ The proposed Project would result in an increased demand for neighborhood or regional parks or other recreational facilities.
- ▶ The proposed Project would adversely affect existing recreational opportunities.

### Checklist question XVIa: Less Than Significant Impact

The VVBF Project would be built on land already developed as an industrial site (Google Earth, 2022). The nearest recreational facility is the TXI Park, which is located roughly 1.5 miles to the southeast of the proposed Project site. There is no known potential for the proposed Project to increase the use of any nearby park, and there are known recreational facilities existing on the proposed Project site. As addressed in the discussion under XIII and XVI(d) above, the proposed Project does not include a use that would substantially induce population growth. As stated in the discussion under Population and Housing, the Project would create approximately 125 temporary jobs during construction, with a permanent workforce of 30 persons anticipated to be required to support the VVBF Project. It is unknown what portion of the temporary workforce will be new residents. Given that the proposed VVBF Expansion Project would not induce substantial population growth, and the availability of open space for recreational use in the surrounding area, the Project is not anticipated to result in a substantial increase in the use of existing park and recreation facilities. Therefore, any impacts under this issue are considered less than significant. No mitigation is required.

### Checklist question XVIb: No Impact

The Project site currently serves as holding ponds in support of VVWRA's operations, and does not include any recreational facilities. No recreational facilities are proposed or required by the Project and therefore, the proposed Project is not anticipated to cause an adverse physical effect on the environment as a result of construction or expansion of recreational facilities.

## XVII. Transportation/Traffic

### Transportation/Traffic Checklist Questions

<b>XVII. Transportation/ Traffic</b> <b>Would the Project:</b>	<b>Potentially Significant Impact</b>	<b>Less Than Significant with Mitigation</b>	<b>Less Than Significant Impact</b>	<b>No Impact</b>
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"/>
b) Would the Project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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 checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Project Trip Generation

The VVBF Project would result in an increase in operations at the existing VVWRA property above current levels. As such, there be increased traffic volumes on the roadway network as a result of the proposed Project. **Table 2-18** summarizes the trip generation and VMT as a result of the VVBF Project with a total of 103 daily round trips or 206 daily trips.

**Table 2-18 Traffic Activity Estimates for Project Operations**

<b>Activity</b>	<b>Daily Round Trips</b>	<b>One Way Trip Length (mi)</b>	<b>Daily VMT</b>	<b>Days/Year</b>	<b>Annual VMT</b>
Inbound Truck Trips <sup>a</sup>	62	66.9	8,246	312	2,572,773
Outbound Truck Trips <sup>b</sup>	11	51.5	1,132	312	353,184
Employee Trips <sup>c</sup>	30	18.5	1,110	365	405,150
<b>VMT Summary</b>			<b>10,488</b>	<b>-</b>	<b>3,331,107</b>

- b. The inbound truck trip length is based on various transfer stations that Anaergia will source organic solid waste, liquid waste, and biosolids from for use in the Project.
- c. The outbound truck trip length is based expected destinations for each waste stream or product. Digestate and dried solids are expected to be land applied for agricultural use. Wastes (rejects and grits) are expected to be landfilled. Biochar will used at another Anaergia facility in San Bernardino.
- d. The employee trip length is based on CalEEMod Version 2020.4.0 Appendix D, Table 4.2 default trip lengths.

### Checklist question XVIIa: Less than Significant Impact

The City of Victorville General Plan Circulation Element aims to provide guidance to decisions that expand and improve the transportation system for local and regional trips, to accommodate the diverse transportation needs of the residents of the Planning Area and to specify the City's policies for coordination of transportation infrastructure planning with planning of public utilities and facilities. The San Bernardino Countywide

Transportation Plan lays out a strategy for long term investment in and management of San Bernardino County's regional transportation assets.

The proposed Project is located at the terminus of Shay Road in the City of Victorville. According to the City of Victorville General Plan 2030, Shay Road acts as a Collector Road, which is a street that provides circulation within a defined geographic area and connects this area to intra-city traffic routes. It is not part of an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system or an applicable congestion management program. Shay Road primarily serves as an access road for a few residences, VVWRA's wastewater treatment plant operations, and the existing VVBF operations.

The expected trip generation and VMT are shown above in **Table 2-18**. While the VVBF Project would increase trip generation and VMT, it would also divert existing waste-hauling trucks currently delivering organics to landfills around Southern California. The City of Victorville adopted Resolution Number 20-031 on June 23, 2020, specific to the new CEQA Guidelines Section 15064.3. The City of Victorville's daily trip generation threshold is 1,285 or fewer daily weekday trips (Victorville, 2020). The Project's daily trip generation is below the City of Victorville's policy adopted in Resolution No. 20-031. As a result, the proposed Project does not have a significant effect on the local and regional circulation system.

The operation of the VVBF has no potential to impact alternative transportation plans, policies or programs. The Project operations in the long term will not generate significant additional traffic and no new public roads or alterations to any existing public roads will result. The Project area is isolated at the terminus of an existing road (Shay Road) with no outlet and it is not served by alternative transportation. Additionally, few, if any, pedestrians or bicyclists utilize Shay Road because this roadway dead ends at the VVWRA site, and the Project itself does not include any activities that would pose hazards or barriers for pedestrian or bicycle use of this road. No potential exists to adversely impact any of the above alternative modes of transportation, as such, the proposed Project's potential impact is expected to be less than significant with respect to this criterion.

### **Checklist question XVIIb: Less than Significant Impact**

As of July of 2020, all lead agencies were required to adopt VMT as the new measure for identifying transportation impacts for land use projects, replacing automobile delay-based level of service (LOS). To aid in this transition, the Governor's OPR released the 2018 Technical Advisory. The City of Victorville has not yet adopted "Vehicle Miles Traveled (VMT) Guidelines." The VMT analysis utilizes the thresholds developed by OPR in December 2018 Technical Advisory for automobile VMT (i.e., light-duty vehicles).

The City of Victorville adopted *Resolution No. 20-031: A Resolution of the City Council Adopting Local Guidelines for VMT Thresholds of Significance for Purposes of Analyzing Transportation Impacts Under the California Environmental Quality Act* in June of 2020. The VMT screening evaluation was developed based on the adopted City Guidelines.

Consistent with City Guidelines, projects that meet certain screening thresholds based on their location and Project type may be presumed to result in a less than significant transportation impact. The following screening criteria are described within the City Guidelines (a land use Project need only meet one of the above screening criteria to result in a less than significant impact):

- Daily Vehicle Trips Generated Screening
  - City Guidelines states projects resulting in a net increase of 1,285 or less weekday daily trips can be screened from further VMT study. The Project is estimated to generate 103 daily round trips or 206 daily trips and would therefore fall below the 1,285-weekday daily trip threshold.
  - The Daily Vehicle Trips Generated Screening criteria is met.

The Project would fall below the City of Victorville's daily trip generation threshold is 1,285 or fewer daily weekday trips (Victorville, 2020). The proposed Project is therefore under the threshold for daily vehicle trips

generated, and is exempt from further VMT analysis. For these reasons, the VVBF Project would result in less than significant transportation impacts under SB 743.

Neither the Technical Advisory nor CEQA Guidelines Section 15064.3(a) directly address how to analyze transportation impacts associated with changes in traffic associated with goods movement, which is largely carried out by heavy-duty trucks. CEQA Guidelines Section 15064.3(a) specifies that the VMT to be analyzed is defined as the amount and distance of *automobile travel* (emphasis added) attributable to a Project. The term "automobile" refers to on-road *passenger vehicles, specifically cars and light trucks* (emphasis added) (Governor's Office of Planning and Research, 2018). Senate Bill 743 does not require the inclusion of heavy-duty truck trips, utility vehicles, or other types of vehicles in the VMT analysis.<sup>1</sup> In the case of trucks (other than light trucks), based on CARB's 2017 Scoping Plan, the State's strategy for the goods movement sector is not via VMT reduction, but through advances in technology (zero-emissions [ZE] and near-zero emissions [NZE] control strategies) (CARB, 2017).

### **Checklist question XVIIc: Less than Significant Impact**

As discussed above, the proposed Project will not require the construction of any additional offsite roads. Project access will be designed in accordance with all applicable design and safety standards required by adopted fire codes, safety codes, and building codes established by the City's Engineering and Fire Departments. New internal (onsite roads) within the VVBF Project site will be designed and constructed in accordance with local and State building codes and policies. As the proposed Project will be designed to avoid impacting major roadways, site access has been designed such that the Project would not increase hazards due to a geometric design feature or incompatible uses, and as such construction traffic is not anticipated to result in any conflicts with the surrounding roadways. Additionally, the proposed Project would be required to comply with all applicable fire code and ordinance requirements for construction and access to the site. Emergency response and evacuation procedures would be coordinated with the City and the County, as well as the police and fire departments. In the long term, impacts to any hazards or incompatible uses in existing or planned roadways are anticipated to be less than significant. Operation of the proposed Project would be similar to the surrounding uses, and the design of the Project would not create any hazards to surrounding roadways. Thus, any impacts are considered less than significant without the need for added mitigation.

### **Checklist question XVIIId: Less than Significant Impact**

As discussed above, the VVBF Project will be located within VVWRA's property with emergency access provided by Shay Road. The proposed Project will not require the construction of any additional offsite roads. As discussed above, Project access will be designed in accordance with all applicable design and safety standards required by adopted fire codes, safety codes, and building codes established by the City's Engineering and Fire Departments. New internal (onsite roads) within the proposed Project site will be designed and constructed in accordance with local and State building codes and policies. Because the VVBF Project is located within an existing facility, the proposed Project would not change existing offsite emergency access. No new points of public access are proposed. As such, emergency access to the site during operation will be maintained. Thus, while the VVBF Project would increase the number of trucks accessing the VVWRA Project, because the VVBF Project would not change offsite emergency access, it would have a less than significant impact on emergency access.

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<sup>1</sup> OPR staff have interpreted that the intent of SB 743 was to address passenger vehicle VMT impact and not freight VMT, as cited under CEQA Guidelines Section 15064.3(a). Therefore, lead agencies could exclude freight VMT from transportation VMT impact analyses under CEQA.

## XVIII. Tribal Cultural Resources

### Tribal Cultural Resources Checklist Questions

XVIII. Tribal Cultural Resources	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
<p>Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:</p>				
<p>a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The definition of a Tribal Cultural Resource can be described as follows:

- Sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American Tribe that are either of the following: included or determined to be eligible for inclusion in the California Register of Historical Resources or included in a local register of historical resources as defined in subdivision (k) of Section 5020.1;
- 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 Section 5024.1. In applying the criteria set forth in subdivision (c) of Section 5024.1 for the purpose of this paragraph, the lead agency shall consider the significance of the resources to a California American tribe;
- A cultural landscape that meets the criteria of subdivision (a) is a tribal cultural resource to the extent that the landscape is geographically defined in terms of the size and scope of the landscape;
- A historical resource described in Section 21084.1, a unique archaeological resource as defined in subdivision (g) of Section 21083.2, or a “non-unique archaeological resource” as defined in subdivision (h) of Section 21083.2 may also be a tribal resource if it conforms with the criteria of subdivision (a).

## Checklist question XVIIIa and XVIIIb: Less than Significant with Mitigation.

The Project site is located within an area of tribal resource significance. VVWRA received notification from the YSMN for tribal consultation under AB-52. Because there is a significant prehistoric archaeological site located within and in close proximity to the proposed Project site, the YSMN was notified of the Project and was provided the Cultural Resources Report. YSMN requested a meeting between YSMN, Anaergia, and VVWRA on September 13, 2023. The result was that YSMN provided VVWRA with mitigation measures that would address the potential for impacting sensitive tribal cultural resources located within the Project boundaries. Concerns expressed include the following: accidental exposure of subsurface cultural resources and proper management of such resources; concerns over exposure of human remains and proper management; concerns over noise impacting ancestral burial sites; modifying the road design to avoid the most sensitive areas within the site; and, presence of Native American monitors during future ground disturbing activities. These mitigation measures, provided below, represent the Lead Agency (VVWRA) and the Tribe (YSMN) reaching an agreement to move forward with the Project with the implementation of mitigation to protect important archeological sites that may overlap with the Project site. Therefore, the following mitigation measures shall be implemented to protect tribal cultural resources:

### ***TCR-1 Tribal Monitoring***

***Due to the heightened cultural sensitivity of the proposed Project area, at the discretion of the Tribe, a Tribal monitor shall be present for all ground-disturbing activities that occur within the proposed Project area (which includes, but is not limited to, tree/shrub removal and planting, clearing/grubbing, grading, excavation, trenching, compaction, fence/gate removal and installation, drainage and irrigation removal and installation, hardscape installation [benches, signage, boulders, walls, seat walls, fountains, etc.], and archaeological work). At the discretion of the Tribe, a sufficient number of Tribal monitors shall be present each work day that ground disturbing activities are planned to occur to ensure that simultaneously occurring ground disturbing activities receive thorough levels of monitoring coverage. A Monitoring and Treatment Plan that is reflective of the Project mitigation ("Cultural Resources" and "Tribal Cultural Resources") shall be completed by the archaeological consultant, as detailed within CUL-1, and submitted to the Lead Agency for dissemination to the Yuhaaviatam of San Manuel Nation Cultural Resources Management Department (YSMN). Once all parties review and agree to the plan, it shall be adopted by the Lead Agency – the plan must be adopted prior to the commencement of ground disturbing activities for the Program. Any and all findings will be subject to the protocol detailed within the Monitoring and Treatment Plan.***

### ***TCR-2 Treatment of Cultural Resources***

***If a pre-contact cultural resource is discovered during archaeological presence/absence testing, the discovery shall be properly recorded and then reburied in situ. A research design shall be developed by the archaeologist that shall include a plan to evaluate the resource for significance under CEQA criteria. Representatives from the YSMN, the archaeologist, and the Lead Agency shall confer regarding the research design, as well as any testing efforts needed to delineate the resource boundary. Following the completion of evaluation efforts, all parties shall confer regarding the archaeological significance of the resource, its potential as a Tribal Cultural Resource (TCR), avoidance (or other appropriate treatment) of the discovered resource, and***

***the potential need for construction monitoring during Project implementation. Should any significant resource and/or TCR not be a candidate for avoidance or preservation in place, and the removal of the resource(s) is necessary to mitigate impacts, the research design shall include a comprehensive discussion of sampling strategies, resource processing, analysis, and reporting protocols/obligations. Removal of any cultural resource(s) shall be conducted with the presence of a Tribal monitor representing the Tribe, unless otherwise decided by YSMN. All plans for analysis shall be reviewed and approved by the Lead Agency, developer, and YSMN prior to implementation, and all removed material shall be temporarily curated on-site. It is the preference of YSMN that removed cultural material be reburied as close to the original find location as possible. However, should reburial within/near the original find location during Project implementation not be feasible, then a reburial location for future reburial shall be decided upon by YSMN and the Lead Agency, and all finds shall be reburied within this location. Additionally, in this case, reburial shall not occur until all ground-disturbing activities associated with the Project have been completed, all monitoring has ceased, all cataloguing and basic recordation of cultural resources have been completed, and a final monitoring report has been issued to Lead Agency, CHRIS, and YSMN. All reburials are subject to a reburial agreement that shall be developed between the Lead Agency and YSMN outlining the determined reburial process/location, and shall include measures and provisions to protect the reburial area from any future impacts (vis a vis Project plans, conservation/preservation easements, etc.).***

***Should it occur that avoidance, preservation in place, and on-site reburial are not an option for treatment, the Lead Agency shall relinquish all ownership and rights to this material and confer with YSMN to identify an American Association of Museums (AAM)-accredited facility within the County that can accession the materials into their permanent collections and provide for the proper care of these objects in accordance with the 1993 CA Curation Guidelines. A curation agreement with an appropriate qualified repository shall be developed between the Lead Agency and museum that legally and physically transfers the collections and associated records to the facility. This agreement shall stipulate the payment of fees necessary for permanent curation of the collections and associated records and the obligation of the Project developer to pay for those fees.***

***All draft records/reports containing the significance and treatment findings and data recovery results shall be prepared by the archaeologist and submitted to the Lead Agency and YSMN for their review and comment. After approval from all parties, the final reports and site/isolate records are to be submitted to the local CHRIS Information Center, the Lead Agency, and YSMN.***

***TCR-3 Inadvertent Discoveries of Human Remains/Funerary Objects***

***In the event that any human remains are discovered within the Project area, ground disturbing activities shall be suspended 100 feet around the resource(s) and an Environmentally Sensitive Area (ESA) physical demarcation/barrier constructed. The on-site lead/foreman shall then***

***immediately who shall notify YSMN and the Lead Agency. The Lead Agency shall then immediately contact the County Coroner regarding the discovery. If the Coroner recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, the Coroner shall ensure that notification is provided to the NAHC within twenty-four (24) hours of the determination, as required by California Health and Safety Code § 7050.5 (c). The NAHC-identified Most Likely Descendant (MLD), shall be allowed, under California Public Resources Code § 5097.98 (a), to (1) inspect the site of the discovery and (2) make determinations as to how the human remains and funerary objects shall be treated and disposed of with appropriate dignity. The MLD and Lead Agency agree to discuss in good faith what constitutes "appropriate dignity" as that term is used in the applicable statutes. The MLD shall complete its inspection and make recommendations within forty-eight (48) hours of the site visit, as required by California Public Resources Code § 5097.98.***

***Reburial of human remains and/or funerary objects (those artifacts associated with any human remains or funerary rites) shall be accomplished in compliance with the California Public Resources Code § 5097.98 (a) and (b). The MLD in consultation with the Lead Agency, shall make the final discretionary determination regarding the appropriate disposition and treatment of human remains and funerary objects. All parties are aware that the MLD may wish to rebury the human remains and associated funerary objects on or near the site of their discovery, in an area that shall not be subject to future subsurface disturbances. The Lead Agency should accommodate on-site reburial in a location mutually agreed upon by the Parties.***

***It is understood by all Parties that unless otherwise required by law, the site of any reburial of Native American human remains or cultural artifacts shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, parties, and Lead Agencies, will be asked to withhold public disclosure information related to such reburial, pursuant to the specific exemption set forth in California Government Code § 6254 (r).***

***TCR-4 Pre-Construction Cultural Sensitivity Training***

***Due to the heightened cultural sensitivity of the proposed Project area, a Tribal monitor representing Yuhaaviatam of San Manuel Nation or a Tribal representative of YSMN shall conduct a cultural sensitivity training at the start of construction for all on-site Project personnel. The training may speak to, but is not limited to, the general cultural sensitivity of the area, the types of cultural resources that may be identified during construction, and the protocols for inadvertent discoveries.***

***TCR-5 Tribal Consultation for Road Design***

***Due to the heightened cultural sensitivity of the proposed Project area, the Lead Agency and consultant shall consult with Yuhaaviatam of San Manuel Nation regarding the design of modifications to the access road. The***

***consultation will address, but is not limited to, avoiding or minimizing ground disturbance of native soils (e.g., capping with imported fill).***

No other Native American tribes have expressed interest in the proposed Project. Therefore, with implementation of **MMs TCR-1** through **TCR-5**, as well as **MMs CUL-1** through **CUL-2** above, the Project is not anticipated to cause a change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape, or object with 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. No further mitigation is required.

## XIX. Utilities / Service Systems

### Utilities / Service Systems Checklist Questions

XIX. Utilities / Service Systems Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or stormwater drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a determination by the wastewater treatment provider which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Background

The VVBF Project is a proposed biofuels facility that would divert from landfill disposal up to 1,450 TPD of Southern California's organic waste streams and process an additional 875 TPD (at 2.2 percent solids) of VVWRA onsite waste streams into soil amendment. The proposed Project itself would replace a series of holding ponds at the VVWRA facility that are currently used for the drying of biosolids before their shipment to a landfill. The projected utility usage of the proposed Project is detailed in **Table 2-19** below, but it should be noted that these figures do not account for the electricity generated by the solar array, which is part of the VVBF Project. The solar array is expected to generate as much as 35,040,000 kWh and would largely offset the daytime electricity demand of the proposed Project.

**Table 2-19 VVBF Project Projected Utility Usage**

Utility	Daily Average Requirements	Daily Peak Requirements	Annual Requirements	Source
Water	250 TPD	400 TPD	145,600 TPY	VVWRA
Electricity	4,969 KW	6,084 KW	43,527,931 kWh	SCE and solar array
Natural Gas	88 MMBtu/hr	---	902,429 MMBtu/hr	Southwest Gas
Wastewater generated	1,122 TPD	1,320 TPD	481,800 TPY	VVWRA

**Checklist question XIXa: Less than Significant With Mitigation**

***Wastewater***

The VVBF Project is a biofuels facility meant to redirect organic waste streams from landfill disposal and convert that material into renewable natural gas and soil nutrients as well as generate electricity from a new solar array. The Project would be located within the existing VVWRA property currently being used as holding ponds and would result in the removal of existing wastewater holding ponds. The VVWRA organic waste streams that have been processed in those ponds will instead be diverted into the VVBF Project. The proposed Project is to construct and operate a renewable energy facility to generate RNG. The Project would require the use of recycled water generated by the adjacent VVWRA wastewater treatment plant. The wastewater treatment plant treats about 10.7 million gallons of wastewater per day (MGD), and recycles millions of gallons per day. VVWRA has ample available recycled water supply given that VVWRA is the primary source of wastewater treatment collection within the High Desert Cities located east of Interstate 15. As such, given that VVWRA has ample available supply of recycled water generated by the collection and processing of wastewater at their wastewater treatment plant, and because the proposed Project is being designed in partnership with VVWRA for the purposes of converting some of its organic waste streams into RNG and soil nutrients, and that no significant impacts have been identified in this Initial Study that would result from the construction of the VVBF, which would support VVWRA operations, the Project would not result in significant impacts from the relocation or construction of new or expanded wastewater treatment facilities.

***Stormwater***

The VVBF Project would be located within an existing area developed as holding ponds. The area has an existing stormwater system including an interconnected network of swales draining into existing concrete channels around the proposed VVBF Project area. Construction of the VVBF Project would improve the existing stormwater collection and conveyance network within the vicinity of the Project site. Further, operations of the VVBF Project would continue to rely on the existing stormwater network, in addition to the improvements made as part of the VVBF design. VVWRA has an existing stormwater general permit. It is anticipated that the VVBF Project would be added to that stormwater operations permit. The stormwater runoff on site will be managed in accordance with the WQMP as discussed in the Hydrology and Water Quality Section (**Section X**) of this Initial Study. Mitigation to address stormwater management and collection was required to minimize impacts from the Project—addressed through **MMs HYD-1 and HAZ-24**. These measures will ensure that stormwater is handled properly once the VVBF is operational, and that no significant impacts from installing stormwater collection infrastructure concurrent with the development of the propose Project would occur. Therefore, stormwater will be adequately managed on site and as such, development of the Project would not result in a significant environmental effect related to the relocation or construction of new or expanded

stormwater facilities. Impacts under this issue are less than significant with the implementation of the mitigation measures identified above.

### ***Electricity***

Southern California Edison (SCE) provides electricity to the existing VVRCF and will support any electricity required to support the operations of the VVBF. As discussed above, the VVBF Project would generate electricity through the installation of new solar arrays. The electricity from the new solar arrays would be consumed by the Project operations to partially offset daytime electricity consumption from the grid. No significant impacts have been identified in this Initial Study that would result from the construction of the VVBF, which includes the installation of electrical generation facilities, and therefore, the Project would not result in significant impacts from the relocation or construction of new or expanded electrical facilities. For these reasons, the VVBF Project would have a less than significant impact on electricity and gas services.

### ***Gas***

Southwest Gas provides natural gas to the Project site. As discussed above, the VVBF Project would generate RNG. The VVBF Project would generate electricity through the installation of new solar arrays. The new streams of RNG would be injected to an onsite Southwest Gas pipeline. No significant impacts have been identified in this Initial Study that would result from the construction of the VVBF, which includes the installation of natural gas generation facilities, and therefore, the Project would not result in significant impacts from the relocation or construction of new or expanded natural gas facilities. For these reasons, the VVBF Project would have a less than significant impact on electricity and gas services.

### ***Water***

The proposed VVBF Project is not anticipated to require a new connection to additional water service to operate. The VVBF Project would use recycled water from VVWRA for all non-potable uses and receive freshwater supplies for potable from VVWRA's existing water connection with the Victorville Water District, operated by the City of Victorville's Water Department. While the peak daily and annual water needs will increase the overall consumption of water by the VVWRA complex, the Victorville Water District (2021) anticipates growth in water demand over the next 5-year, 10-year and five-year increments up to year 2045 in its 2020 Urban Water Management Plan. The increased potable water demand by the VVBF Project is within the forecasted growth. Further, the Project will use recycled water from VVWRA for non-potable water uses and recycle its own process water onsite and discharge its wastewater to the VVWRA system for processing and additional recycling. The 2020 UWMP shows that it has sufficient water supplies to meet the anticipated growth in water usage that would result from Project implementation (Victorville Water District, 2021). As such, given that VVWRA has ample available supply of recycled water generated by the collection and processing of wastewater at their wastewater treatment plant, and the VWD has sufficient supply to serve the project without the need for expanded water systems, it is anticipated that the proposed Project will not require or result in the relocation or construction of new or expanded water facilities. No impacts are anticipated under this issue.

### ***Telecommunications***

The VVBF Project may generate some intermittent increased activity with use of cellular services by the employees and at future onsite administrative facilities. The VVBF Project would not directly relocate an existing or establish a new telecommunications facility. Therefore, the VVBF Project would have a less than significant potential to result in a significant environmental effect related to the relocation or construction of new or expanded telecommunication facilities.

### **Checklist question XIXb: Less than Significant With Mitigation**

Please refer to the discussion under **Section X, Hydrology and Water Quality (b)**, above. VWD's UWMP identifies sufficient water resources to meet demand in its service area. The total water supply for VWD in 2020 was 23,452 AF, while the total use was 21,362 AF. Based on the projected potable water demand within the VWD retail service area for 2025, 24,720 AFY, and for 2045, 30,480 AFY, it is anticipated that the additional 75.33 AFY of potable water demanded by the project can be accommodated into the future. Furthermore, as discussed previously, ample recycled water is available from VVWRA to supply the recycled water needs for the site at a demand of 56.15 AFY. Thus, the anticipated available water supply within VWD's and VVWRA's service area is anticipated to be of sufficient capacities to serve the proposed project. Therefore, impacts would be less than significant.

### **Checklist question XIXc: Less than Significant With Mitigation**

The VVBF Project is a biofuels facility meant to redirect organic waste streams from landfill disposal and convert that material into renewable natural gas and soil nutrients as well as generate electricity from a new solar array. The Project would be located within the existing VVWRA property currently being used as holding ponds and would result in the removal of existing wastewater holding ponds. The VVWRA organic waste streams that have been processed in those ponds will instead be diverted into the VVBF Project. Based on the purpose of the proposed Project, the Project would support the disposal of wastewater at VVWRA's wastewater treatment plant, and as it would serve as an integral part of VVWRA's operations, Project implementation would not 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. Furthermore, while the Project would require the use of recycled water generated by the adjacent VVWRA wastewater treatment plant, VVWRA has ample available recycled water supply given that VVWRA is the primary source of wastewater treatment collection within the High Desert Cities located east of Interstate 15. As such, given that VVWRA has ample available supply of recycled water generated by the collection and processing of wastewater at their wastewater treatment plant, and because the proposed Project is being designed in partnership with VVWRA for the purposes of converting some of its organic waste streams into RNG and soil nutrients, the proposed Project will have a less than significant demand on wastewater services. No mitigation is required.

### **Checklist questions XIXd and XIXe: Less than Significant With Mitigation**

The VVBF Project is projected to divert 1,450 tons per day (TPD) from offsite Southern California's organic waste streams from disposal at landfills in Southern California and process an additional 875 TPD (at 2.2 percent solids) of VVWRA onsite waste streams into soil amendment. While operating, this facility would generate RNG for injecting to Southwest Gas pipeline and soil nutrients for land applications. This VVBF Project would aid the VVWRA and other entities in Southern California attain the goals laid out in SB 1383. SB1383, otherwise known as "California's Short-Lived Climate Pollutant Reduction" law, often called SB 1383, which establishes methane reduction targets for California. California SB 1383 sets goals to reduce disposal of organic waste in landfills, including edible food (County of Santa Clara, 2023). The bill's purpose is to reduce greenhouse gas emissions, such as methane, and address food insecurity in California. This requires jurisdictions to implement mandatory organic waste collection and recycling in a statewide effort to divert organic waste from landfills with goals to:

- Reduce organic waste disposal 50% by 2020 and 75% by 2025
- Recover at least 20% of currently disposed surplus edible food by 2025

While the Project would absorb upwards of 1,450 tons per day (TPD) from offsite Southern California's organic waste streams of waste in addition to processing an additional 875 TPD (at 2.2 percent solids) of VVWRA onsite waste streams into soil amendment once in operation, during construction, it is anticipated that some

construction and demolition waste would be generated. The nearest landfill is the Victorville Sanitary Landfill. According to CalRecycle, the maximum permitted capacity of Victorville Sanitary Landfill is 93,400,000 Cubic Yards (CY), while its remaining capacity is 79,400,000 CY; the Victorville Sanitary Landfill can accept 3,000 tons per day (CalRecycle, 2023). Construction would require demolition of concrete within the VVBF site used in support of the existing holding ponds. The facilities that accept construction and demolition materials, combined with the landfills in the surrounding area, have adequate capacity to serve the proposed project construction and operations. Solid waste will be disposed of in accordance with existing regulations at an existing licensed landfill, such as those outlined above. However, to further reduce potential impacts to solid waste facilities due to the large scale of the materials that may require disposal or recycling, the following mitigation measure will be implemented:

***UTIL-1 The contract with demolition and construction contractors shall include the requirement that all materials that can be recycled shall be salvaged and recycled. This includes, but is not limited to, wood, metals, concrete, road base, and asphalt. The Applicant shall submit a recycling plan to VVWRA for review and approval prior to the start of demolition/construction activities to accomplish this objective.***

Furthermore, any hazardous materials collected on the project site during either construction of the project will be transported and disposed of by a permitted and licensed hazardous materials service provider. Therefore, with the above mitigation measure, the project is expected to comply with all regulations related to solid waste under federal, state, and local statutes and be served by a landfill(s) with sufficient permitted capacity to accommodate the project's solid waste disposal needs.

## XX. Wildfire

### Wildfire Checklist Questions

XX. Wildfire Would the Project:	Potentially Significant Impact	Less Than Significant with Mitigation	Less Than Significant Impact	No Impact
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"/>

#### Checklist question XXa, XXb, XXc, and XXd: No Impact

The VVBF Project site is located within a “moderate fire hazard severity zone” and is not located within an area defined as having a “very high fire hazard severity” for wildland fires (California Office of the State Fire Marshal, 2022). Further, the proposed Project would be built on land already developed as an industrial site and would comply as required by law with California Building Code, California Fire Code, and any other applicable State and local fire safety requirements. Neither the construction nor the continued operation of the VVBF Project would impair the City of Victorville’s Wildfire Mitigation Plan. That same plan lists areas within the City’s boundaries that are prone to flooding, and the VVBF Project site is not listed in that resource (City of Victorville, 2019). As such, the Project would not expose people or structures to significant risks from flooding, landslides, run-off, post-fire slope instability, or drainage changes. Furthermore, the City of Victorville is designated as a Tier 1 Fire-Threat Area by the CPUC Fire-Threat Map; Tier 1 represents areas with the lowest hazards and risks for electric-line ignited fires. Even so, the Project does not call for the expansion of power lines to the site. For these reasons, the Project would have less than significant impacts on wildfire risks and the region’s ability to mitigate those risks and would not cause ongoing significant impacts to the environment. As such, no impacts under these issues are anticipated.

## XXI. Mandatory Findings of Significance

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

### Checklist question XXIa: Less Than Significant With Mitigation

The Project has no potential to cause a significant impact any biological or cultural resources with implementation of the identified mitigation measures. The Project has been identified as having no potential to degrade the quality of the natural environment, substantially reduce 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, or reduce the number or restrict the range of a rare or endangered plant or animal. The Project requires mitigation to prevent significant impacts from occurring as a result of implementation of the Project. Mitigation to address the adjacent sensitive cultural resources is required, but will ensure that these sensitive resources are protected and will not be impacted by the proposed Project. Additionally, because it is not known what could be unearthed upon any excavation activities, mitigation measures are provided to ensure that, in the event that any resources are found, they are protected from any potential impacts. These measures include a requirement that archaeological and Native American monitoring occur during ground disturbing activities, and treatment of any resources that are found. Please see biological, cultural, and tribal cultural resource sections of this Initial Study.

### Checklist question XXIb: Less Than Significant With Mitigation

The Project has 9 potential impact categories that are individually limited, but may be cumulatively considerable. These are: Air Quality, Biological Resources, Cultural Resources, Geology & Soils, Hazards & Hazardous Materials, Hydrology & Water Quality, Noise, Tribal Cultural Resources, and Utilities & Service Systems. The Project is not considered growth-inducing, as defined by *State CEQA Guidelines*, particularly because the Project will accommodate existing operations at VVWRA and will accommodate existing organic waste streams necessary to meet SB 1383, but will not expand the permitted capacity of the VVWRA's wastewater treatment plant. The above issues require the implementation of mitigation measures to reduce impacts to a less than significant level and ensure that cumulative effects are not cumulatively considerable. All other environmental issues were found to have no significant impacts without implementation of mitigation. The potential cumulative environmental effects of implementing the proposed Project have been determined to be less than considerable and thus, less than significant impacts.

### Checklist question XXIc: Less Than Significant With Mitigation

The proposed Project includes activities that have a potential to cause direct substantial adverse effects on humans. The issues of Air Quality, Geology and Soils, Hazards & Hazardous Materials, and Noise require the implementation of mitigation measures to reduce human impacts to a less than significant level. All other environmental issues were found to have no significant impacts on humans without implementation of mitigation. The potential for direct human effects from implementing the proposed Project have been determined to be less than significant.

### Conclusion

This document evaluated all CEQA issues contained in the latest Initial Study Checklist form. The evaluation determined that either no impact or less than significant impacts would be associated with the issues of Aesthetics, Agriculture, Energy, Greenhouse Gases, Land Use and Planning, Mineral Resources, Population and Housing, Public Services, Recreation, Transportation, and Wildfire. The issues of Air Quality, Biological Resources, Cultural Resources, Geology & Soils, Hazards & Hazardous Materials, Hydrology & Water Quality, Noise, Tribal Cultural Resources, Utilities & Service Systems, require the implementation of mitigation measures to reduce Project specific and cumulative impacts to a less than significant level. The required mitigation has been proposed in this Initial Study to reduce impacts for these issues to a less than significant impact level.

Based on the findings in this Initial Study, VVWRA proposes to adopt a Mitigated Negative Declaration (MND) for the VVBF Project. A Notice of Intent to Adopt a Mitigated Negative Declaration (NOI) will be issued for this project by VVWRA. The Initial Study and NOI will be circulated for 30 days of public comment because this project involves the state as either a responsible or trustee agency. At the end of the 30-day review period, a final MND package will be prepared and it will be reviewed by the VVWRA for a possible adoption at a future VVWRA hearing, the date for which has not yet been determined. If you or your agency comments on the MND/NOI for this project, you will be notified about the meeting date in accordance with the requirements in Section 21092.5 of CEQA (statute).

### Proposed Mitigation Measures

**AQ-1 Fugitive Dust Control. The following measures shall be incorporated into Project plans and specifications for implementation during construction:**

- **Apply soil stabilizers to inactive areas.**
- **Prepare a high wind dust control plan and implement plan elements and terminate soil disturbance when winds exceed 25 mph.**

- Stabilize previously disturbed areas if subsequent construction is delayed.
- Apply water to disturbed surfaces and haul roads 3 times/day.
- Replace ground cover in disturbed areas quickly.
- Reduce speeds on unpaved roads to less than 15 mph.
- Trenches shall be left exposed for as short a time as possible.
- Identify proper compaction for backfilled soils in construction specifications.

This measure shall be implemented during construction, and shall be included in the construction contract as a contract specification.

**AQ-2** The following signage shall be erected no later than the commencement of construction, and shall be included in the construction contract as a contract specification: A minimum 48 inch high by 96 inch wide sign containing the following shall be located within 50 feet of each Project site entrance, meeting the specified minimum height text, black text on white background, on one inch A/C laminated plywood board, with the lower edge between six and seven feet above grade, identifying a responsible official for the site and local or toll free number that is accessible 24 hours per day:

“[Site Name] {four-inch text}  
 [Project Name/Project Number] {four-inch text}  
 IF YOU SEE DUST COMING FROM {four-inch text}  
 THIS PROJECT CALL: {six-inch text}  
 [Contact Name], PHONE NUMBER {six-inch text}  
 If you do not receive a response, Please Call {three-inch text}  
 The MDAQMD at 1-800-635-4617 {three-inch text}”

**AQ-3** During Project operations a water truck shall be available on-site at all times for dust control.

**AQ-4** Additional wind breaks and/or fencing shall be developed in areas that are susceptible to high wind induced dusting, where required by VVRWA.

**AQ-5** All material transported off-site with dust blow off potential shall be sufficiently watered or securely covered in a manner that prevent dust from being generated.

**AQ-6** The Applicant shall obtain permits for any miscellaneous process equipment that may not be exempt under District Rule 219 including, but not limited to internal combustion engines with a manufacture’s maximum continuous rating greater than 50 brake horsepower. The Applicant does not anticipate the use of such equipment, but where such equipment is required, VVWRA shall require that the Applicant obtain the appropriate MDAQMD permit.

**BIO-1** Preconstruction surveys for Desert Tortoise shall be conducted no more than 14 days prior to new ground disturbance within each phase of development to verify that Mojave desert tortoise remain absent from the Project Area.

**BIO-2** A biological monitor shall be present during the initial ground disturbing activities (clearing, grubbing and initial grading) to ensure no sensitive resources wander onto the site and to ensure no impacts will result during construction.

**BIO-3** Preconstruction presence/absence surveys for burrowing owl shall be conducted no less than 14 days prior to any onsite ground disturbing activity by a qualified biologist. The burrowing owl surveys shall be conducted pursuant to the recommendations and guidelines established by the California Department of Fish and Wildlife in the

**“California Department of Fish and Wildlife 2012 Staff Report on Burrowing Owl Mitigation.” In the event this species is not identified within the Project limits, no further mitigation is required, and a letter shall be prepared by the qualified biologist documenting the results of the survey. The letter shall be submitted to CDFW prior to commencement of Project activities. If during the preconstruction survey, the burrowing owl is found to occupy the site, Mitigation Measure BIO-4 shall be required.**

**BIO-4 If burrowing owls are identified during the survey period, VVRWA and/or the Applicant shall take the following actions to offset impacts prior to ground disturbance:**

**Active nests within the areas scheduled for disturbance or degradation shall be avoided until fledging has occurred, as confirmed by a qualified biologist. Following fledging, owls may be passively relocated by a qualified biologist, as described below.**

**If impacts on occupied burrows are unavoidable, onsite passive relocation techniques may be used if approved by the CDFW to encourage owls to move to alternative burrows provided by VVRWA and/or the Applicant outside of the impact area.**

**If relocation of the owls is approved for the site by CDFW, CDFW shall require VVRWA and/or the Applicant to hire a qualified biologist to prepare a plan for relocating the owls to a suitable site and conduct an impact assessment. A qualified biologist shall prepare and submit a passive relocation program in accordance with Appendix E (i.e., Example Components for Burrowing Owl Artificial Burrow and Exclusion Plans) of the 2012 Staff Report on Burrowing Owl Mitigation (CDFG 2012) to the CDFW for review/approval prior to the commencement of disturbance activities onsite.**

**The relocation plan must include all of the following and as indicated in Appendix E:**

- **The location of the nest and owls proposed for relocation.**
- **The location of the proposed relocation site.**
- **The number of owls involved and the time of year when the relocation is proposed to take place.**
- **The name and credentials of the biologist who will be retained to supervise the relocation.**
- **The proposed method of capture and transport for the owls to the new site.**
- **A description of site preparation at the relocation site (e.g., enhancement of existing burrows, creation of artificial burrows, one-time or long-term vegetation control).**

**The applicant shall conduct an impact assessment, in accordance with the Staff Report on Burrowing Owl Mitigation prior to commencing Project activities to determine appropriate mitigation, including the acquisition and conservation of occupied replacement habitat at no less than a 2:1 ratio.**

**Prior to passive relocation, suitable replacement burrows site(s) shall be provided at a ratio of 2:1 and permanent conservation and management of burrowing owl habitat such that the habitat acreage, number of burrows and burrowing owl impacts are replaced consistent with the Staff Report on Burrowing Owl Mitigation including its Appendix A within designated adjacent conserved lands identified through coordination with CDFW and the VVRWA and/or the Applicant. A qualified biologist shall confirm the natural or artificial burrows on the conservation lands are suitable for use by the owls. Monitoring and management of the replacement burrow site(s)**

shall be conducted and a reporting plan shall be prepared. The objective shall be to manage the replacement burrow sites for the benefit of burrowing owls (e.g., minimizing weed cover), with the specific goal of maintaining the functionality of the burrows for a minimum of 2 years.

A final letter report shall be prepared by the qualified biologist documenting the results of the passive relocation. The letter shall be submitted to CDFW.

- BIO-5** Nesting bird surveys shall be conducted by a qualified avian biologist no more than three (3) days prior to vegetation clearing or ground disturbance activities. Preconstruction surveys shall focus on both direct and indirect evidence of nesting, including nest locations and nesting behavior. The qualified avian biologist will make every effort to avoid potential nest predation as a result of survey and monitoring efforts. If active nests are found during the preconstruction nesting bird surveys, a Nesting Bird Plan (NBP) shall be prepared and implemented by the qualified avian biologist. At a minimum, the NBP shall include guidelines for addressing active nests, establishing buffers, ongoing monitoring, establishment of avoidance and minimization measures, and reporting. The size and location of all buffer zones, if required, shall be based on the nesting species, individual/pair's behavior, nesting stage, nest location, its sensitivity to disturbance, and intensity and duration of the disturbance activity. To avoid impacts to nesting birds, any grubbing or vegetation removal should occur outside peak breeding season (typically February 1 through September 1).
- CUL-1** If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeology, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:
1. If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately and no agency notifications are required.
  2. If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, the archaeologist shall immediately notify the lead agencies. The agencies shall consult on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines or a historic property under Section 106 NHPA, if applicable. Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the site either: 1) is not a *Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines*; or 2) *that the treatment measures have been completed to their satisfaction.*
- CUL-2** VVBF-01 is a possible historic segment of fence composed of barbed wire and chicken wire attached to wooden posts that shall be avoided during construction through the establishment of a buffer around the site prior to any ground disturbing activities. If it is determined that VVBF-01 cannot be avoided, it shall be recorded and formally evaluated before any additional work can occur.
- CUL-3** Archaeological Monitoring

Due to the heightened cultural sensitivity of the proposed Project area, an archaeological monitor with at least 3 years of regional experience in archaeology shall be present for all ground-disturbing activities that occur within the proposed Project area (which includes, but is not limited to, tree/shrub removal and planting, clearing/grubbing, grading, excavation, trenching, compaction, fence/gate removal and installation, drainage and irrigation removal and installation, hardscape installation [benches, signage, boulders, walls, seat walls, fountains, etc.], and archaeological work). A sufficient number of archaeological monitors shall be present each work day to ensure that simultaneously occurring ground disturbing activities receive thorough levels of monitoring coverage. A Monitoring and Treatment Plan that is reflective of the Project mitigation (“Cultural Resources” and “Tribal Cultural Resources”) shall be completed by the archaeological consultant and submitted to the Lead Agency for dissemination to the Yuhaaviatam of San Manuel Nation Cultural Resources Management Department. Once all parties review and approve the plan, it shall be adopted by the Lead Agency – the plan must be adopted prior to permitting for the Program. Any and all findings will be subject to the protocol detailed within the Monitoring and Treatment Plan.

- GEO-1** Prior to initiating grading, the site developer shall provide a geotechnical evaluation of the potential geotechnical hazards at the site and, if a hazard exists at the proposed Project location, the evaluation shall define design measures that will ensure the safety of any new structures in protecting human life in the event of a regional earthquake or other geological hazard affecting the site. The developer shall implement any design measures required to protect human safety.
- GEO-2** Stored backfill material shall be covered with water resistant material during periods of heavy precipitation to reduce the potential for rainfall erosion of stored backfill material. If covering is not feasible, then measures such as the use of straw bales or sand bags shall be used to capture and hold eroded material on the Project site for future cleanup.
- GEO-3** Anaergia shall identify additional BMPs to ensure that the discharge of surface water does not cause erosion downstream of the discharge point. This shall be accomplished by reducing the energy of any site discharge through an artificial energy dissipater or equivalent device. If any substantial erosion or sedimentation occurs, any erosion or sedimentation damage shall be restored to pre-discharge conditions.
- GEO-4** All exposed, disturbed soil (trenches, stored backfill, etc.) shall be sprayed with water or soil binders twice a day, or more frequently when fugitive dust is observed migrating from the area within which the VVBF is being constructed.
- GEO-5** Should any paleontological resources be encountered during construction of the Project facilities, earthmoving or grading activities in the immediate area of the finds shall be halted and an onsite inspection should be performed immediately by a qualified paleontologist. Responsibility for making this determination shall be with VVWRA’s onsite inspector. The paleontological professional shall assess the find, determine its significance, and determine appropriate mitigation measures within the guidelines of the California Environmental Quality Act that shall be implemented to minimize any impacts to a paleontological resource. Treatment of any discovered paleontological resources shall follow the Phasing and corresponding actions identified under MM CUL-1 and in MMs TCR-1 through TCR-5.
- HAZ-1** A Hazardous Materials Business Plan prepared and submitted to the Certified Unified Program Agency shall incorporate best management practices designed to minimize

the potential for accidental release of such chemicals and shall meet the standards required by California law for Hazardous Materials Business Plans. The facility managers shall implement these measures to reduce the potential for accidental releases of hazardous materials or wastes. The Hazardous Materials Business Plan shall be approved prior to operation of the facility.

- HAZ-2** The Hazardous Materials Business Plan shall assess the potential accidental release scenarios and identify the equipment and response capabilities required to provide immediate containment, control, and collection of any released hazardous material. Prior to issuance of the certificate of occupancy, the facility shall ensure that necessary equipment has been installed and training of personnel has occurred to obtain sufficient resources to control and prevent the spread of any accidentally released hazardous or toxic materials.
- HAZ-3** All accidental spills or discharge of hazardous material during construction activities shall be reported to the Certified Unified Program Agency and shall be remediated in compliance with applicable state and local regulations regarding cleanup and disposal of the contaminant released. The contaminated waste will be collected and disposed of at an appropriately a licensed disposal or treatment facility. This measure shall be incorporated into the SWPPP prepared for the VVBF. Prior to accepting the site as remediated, the area contaminated shall be tested to verify that any residual concentrations meet the standard for future residential or public use of the site.
- HAZ-4** The following operational controls shall be implemented. a) Bird Cannons – set to operate at given intervals during operating hours; b) Bird bombs and whistler pyrotechnics – used by site personnel as a supplemental control tool; and c) Anaergia shall diligently pursue a depredation permit to allow direct control of birds and shall implement bird control in accordance with the depredation permit.
- HYD-1** The construction contractor shall prepare and implement a Storm Water Pollution Prevention Plan (SWPPP), which specifies Best Management Practices (BMPs) that will be implemented to prevent construction pollutants from contacting stormwater with the intent of keeping all products of erosion from moving offsite. The SWPPP shall be developed with the goal of achieving a reduction in pollutants both during and following construction to control storm water runoff to the maximum extent practicable based on available, feasible best management practices.
- The following BMPs or comparable measures shall be included in the SWPPP:
- Stockpiled material should not be stored in areas which are subject to the erosive flows of water.
  - Measures such as the use of straw bales, sandbags, silt fencing or detention basins shall be used to capture and hold eroded material for future cleanup.
  - Rainfall will be prevented from entering material and waste storage areas and pollution-laden surfaces.
  - Construction-related contaminants will be prevented from leaving the site and polluting waterways.
  - A spill prevention control and countermeasures and remediation plan shall be in place and implemented to control release of hazardous substances.
- NOI-1** VVWRA shall require that all construction equipment be operated with mandated noise control equipment (mufflers or silencers). Enforcement will be accomplished by random field inspections by applicant personnel during construction activities.
- NOI-2** Equipment not in use for five minutes shall be shut off.

- NOI-3** Equipment shall be maintained and operated such that loads are secured from rattling or banging.
- NOI-4** Where commercially available, electric-powered equipment shall be used rather than diesel equipment and hydraulic-powered equipment shall be used instead of pneumatic power.
- NOI-5** Construction employees shall be trained in the proper operation and use of equipment consistent with these mitigation measures, including no unnecessary revving of equipment. This measure shall be included in the construction contract as a contract specification by the contractor.
- NOI-6** No radios or other sound equipment shall be used at this site unless required for emergency response by the contractor.
- NOI-7** Construction shall be limited to the hours of 7 AM and 6 PM Monday through Friday, 8 AM and 5 PM Saturday, and shall not be allowed on Sundays or any Federal Holiday unless an emergency warrants the continuation of construction outside of the aforementioned hours.
- TCR-1** Tribal Monitoring. Due to the heightened cultural sensitivity of the proposed Project area, at the discretion of the Tribe, a Tribal monitor shall be present for all ground-disturbing activities that occur within the proposed Project area (which includes, but is not limited to, tree/shrub removal and planting, clearing/grubbing, grading, excavation, trenching, compaction, fence/gate removal and installation, drainage and irrigation removal and installation, hardscape installation [benches, signage, boulders, walls, seat walls, fountains, etc.], and archaeological work). At the discretion of the Tribe, a sufficient number of Tribal monitors shall be present each work day that ground disturbing activities are planned to occur to ensure that simultaneously occurring ground disturbing activities receive thorough levels of monitoring coverage. A Monitoring and Treatment Plan that is reflective of the Project mitigation ("Cultural Resources" and "Tribal Cultural Resources") shall be completed by the archaeological consultant, as detailed within CUL-1, and submitted to the Lead Agency for dissemination to the Yuhaaviatam of San Manuel Nation Cultural Resources Management Department (YSMN). Once all parties review and agree to the plan, it shall be adopted by the Lead Agency – the plan must be adopted prior to the commencement of ground disturbing activities for the Program. Any and all findings will be subject to the protocol detailed within the Monitoring and Treatment Plan.
- TCR-2** Treatment of Cultural Resources. If a pre-contact cultural resource is discovered during archaeological presence/absence testing, the discovery shall be properly recorded and then reburied in situ. A research design shall be developed by the archaeologist that shall include a plan to evaluate the resource for significance under CEQA criteria. Representatives from the YSMN, the archaeologist, and the Lead Agency shall confer regarding the research design, as well as any testing efforts needed to delineate the resource boundary. Following the completion of evaluation efforts, all parties shall confer regarding the archaeological significance of the resource, its potential as a Tribal Cultural Resource (TCR), avoidance (or other appropriate treatment) of the discovered resource, and the potential need for construction monitoring during Project implementation. Should any significant resource and/or TCR not be a candidate for avoidance or preservation in place, and the removal of the resource(s) is necessary to mitigate impacts, the research design shall include a comprehensive discussion of sampling strategies, resource processing, analysis, and

reporting protocols/obligations. Removal of any cultural resource(s) shall be conducted with the presence of a Tribal monitor representing the Tribe, unless otherwise decided by YSMN. All plans for analysis shall be reviewed and approved by the Lead Agency, developer, and YSMN prior to implementation, and all removed material shall be temporarily curated on-site. It is the preference of YSMN that removed cultural material be reburied as close to the original find location as possible. However, should reburial within/near the original find location during Project implementation not be feasible, then a reburial location for future reburial shall be decided upon by YSMN and the Lead Agency, and all finds shall be reburied within this location. Additionally, in this case, reburial shall not occur until all ground-disturbing activities associated with the Project have been completed, all monitoring has ceased, all cataloguing and basic recordation of cultural resources have been completed, and a final monitoring report has been issued to Lead Agency, CHRIS, and YSMN. All reburials are subject to a reburial agreement that shall be developed between the Lead Agency and YSMN outlining the determined reburial process/location, and shall include measures and provisions to protect the reburial area from any future impacts (vis a vis Project plans, conservation/preservation easements, etc.).

Should it occur that avoidance, preservation in place, and on-site reburial are not an option for treatment, the Lead Agency shall relinquish all ownership and rights to this material and confer with YSMN to identify an American Association of Museums (AAM)-accredited facility within the County that can accession the materials into their permanent collections and provide for the proper care of these objects in accordance with the 1993 CA Curation Guidelines. A curation agreement with an appropriate qualified repository shall be developed between the Lead Agency and museum that legally and physically transfers the collections and associated records to the facility. This agreement shall stipulate the payment of fees necessary for permanent curation of the collections and associated records and the obligation of the Project developer to pay for those fees.

All draft records/reports containing the significance and treatment findings and data recovery results shall be prepared by the archaeologist and submitted to the Lead Agency and YSMN for their review and comment. After approval from all parties, the final reports and site/isolate records are to be submitted to the local CHRIS Information Center, the Lead Agency, and YSMN.

**TCR-3 Inadvertent Discoveries of Human Remains/Funerary Objects.** In the event that any human remains are discovered within the Project area, ground disturbing activities shall be suspended 100 feet around the resource(s) and an Environmentally Sensitive Area (ESA) physical demarcation/barrier constructed. The on-site lead/foreman shall then immediately who shall notify YSMN and the Lead Agency. The Lead Agency shall then immediately contact the County Coroner regarding the discovery. If the Coroner recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, the Coroner shall ensure that notification is provided to the NAHC within twenty-four (24) hours of the determination, as required by California Health and Safety Code § 7050.5 (c). The NAHC-identified Most Likely Descendant (MLD), shall be allowed, under California Public Resources Code § 5097.98 (a), to (1) inspect the site of the discovery and (2) make determinations as to how the human remains and funerary objects shall be treated and disposed of with appropriate dignity. The MLD and Lead Agency agree to discuss in good faith what constitutes "appropriate dignity" as that term is used in the

applicable statutes. The MLD shall complete its inspection and make recommendations within forty-eight (48) hours of the site visit, as required by California Public Resources Code § 5097.98.

Reburial of human remains and/or funerary objects (those artifacts associated with any human remains or funerary rites) shall be accomplished in compliance with the California Public Resources Code § 5097.98 (a) and (b). The MLD in consultation with the Lead Agency, shall make the final discretionary determination regarding the appropriate disposition and treatment of human remains and funerary objects. All parties are aware that the MLD may wish to rebury the human remains and associated funerary objects on or near the site of their discovery, in an area that shall not be subject to future subsurface disturbances. The Lead Agency should accommodate on-site reburial in a location mutually agreed upon by the Parties.

It is understood by all Parties that unless otherwise required by law, the site of any reburial of Native American human remains or cultural artifacts shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, parties, and Lead Agencies, will be asked to withhold public disclosure information related to such reburial, pursuant to the specific exemption set forth in California Government Code § 6254 (r).

- TCR-4** Pre-Construction Cultural Sensitivity Training. Due to the heightened cultural sensitivity of the proposed Project area, a Tribal monitor representing Yuhaaviatam of San Manuel Nation or a Tribal representative of YSMN shall conduct a cultural sensitivity training at the start of construction for all on-site Project personnel. The training may speak to, but is not limited to, the general cultural sensitivity of the area, the types of cultural resources that may be identified during construction, and the protocols for inadvertent discoveries.
- TCR-5** Tribal Consultation for Road Design. Due to the heightened cultural sensitivity of the proposed Project area, the Lead Agency and consultant shall consult with Yuhaaviatam of San Manuel Nation regarding the design of modifications to the access road. The consultation will address, but is not limited to, avoiding or minimizing ground disturbance of native soils (e.g., capping with imported fill).
- UTIL-1** The contract with demolition and construction contractors shall include the requirement that all materials that can be recycled shall be salvaged and recycled. This includes, but is not limited to, wood, metals, concrete, road base, and asphalt. The Applicant shall submit a recycling plan to VVWRA for review and approval prior to the start of demolition/construction activities to accomplish this objective.

## 2.4 Checklist Determination (To Be Completed by the Lead Agency)

On the basis of this initial evaluation:

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

Darron Polkwan  
Signature

11/27/23  
Date

DARRON POLKWAN  
Printed Name

VVWRA  
For

## 2.4 Checklist Determination (To Be Completed by the Lead Agency)

On the basis of this initial evaluation:

I find that the Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

I find that although the Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

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

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

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

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*Signature*

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*Date*

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*Printed Name*

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*For*

### 3. ACRONYMS

<b>Acronym</b>	<b>Definition</b>
AAQS	Ambient air quality standard
AB	Assembly Bill
Anaergia	Anaergia, Inc.
APE	Area of Potential Effect
AQAP	air quality attainment plan
BACM	best available control measures
BMP	Best Management Practices
BOD	Biochemical Oxygen Demand (BOD)
BRA	Biological Resources Assessment
BUG	biomethane upgrading unit
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CalARP	California Accidental Release Program
CDFW	California Department of Fish and Wildlife
CEC	California Energy Commission
CESA	California Endangered Species Act
CEQA	California Environmental Quality Act
CHRIS	California Historic Resources Information System
CNDDDB	California Natural Diversity Database
CNEL	Community Noise Equivalent Level
CO	carbon monoxide
CO <sub>2e</sub>	carbon dioxide equivalents
CPUC	California Public Utility Commission
CRHR	California Register of Historic Resources
CUPA	Certified Unified program Agency
dB	decibel
DIF	Development Impact Fee
EIR	environmental impact report
ESA	environmental site assessment
FEMA	Federal Emergency Management Agency
GCC	Global Climate Change
GHG	greenhouse gas
HDSP	High Desert Solar Project
HMBP	hazardous materials business plan
H <sub>2</sub> S	hydrogen sulfide
kWh	kiloWatt-hour
LCFS	Low Carbon Fuel Standard
LDA	light duty auto
LDT	light duty truck
LOS	Level of Service
LUST	leaking underground storage tank
LW	liquid wastes
MDAB	Mojave Desert Air Basin

MDAQMD	Mojave Desert Air Quality Management District
MGS	Mohave ground squirrel
MSW	Municipal solid waste
MT	Metric tons
MTBE	Methyl Tert-Butyl Ether
MMBtu	million British thermal units
MW	megawatt
MWh	Megawatt hour
NAHC	Native American Heritage Commission
NHTSA	National Highway Traffic Safety Administration
NOx	oxides of nitrogen
NPDES	National Pollution Discharge Elimination System
NRHP	National Register of Historic Places
OFMSW	organic fraction of municipal solid waste
OPR	California Office of Planning and Research
OPS	organic polishing system
Pb	lead
PM10	particulate matter
PM2.5	fine particulate matter
RMP	risk management plan
RNG	renewable natural gas
RO	reverse osmosis
RPS	California renewables portfolio standard
RWQCB	Regional Water Quality Control Board
SB	Senate bill
SBCOG	San Bernardino Council of Governments
SBCTA	San Bernardino County Transportation Authority
SCAG	Southern California Association of Governments
SCCIC	South Central Coast Information Center
SCE	Southern California Edison
scfm	standard cubic feet per minute
SCLA	Exclusive Agriculture and Specific Plan
SIP	State Implementation Plan
SOx	oxides of sulfur
SSC	Species of Special Concern
SSO	source separated organics
SWRCB	State Water Resources Control Board
SWPPP	Storm Water Pollution Prevention Plan
TCE	tetrachloroethene
TDS	total dissolved solids
TKN	total kjeldahl nitrogen
TPD	tons per day
TPH	total petroleum hydrocarbons
TPY	tons per year
TSS	total suspended solids
U.S. EPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service

VFD	Victorville Fire Department
VMT	Vehicle miles travelled
VOC	volatile organic compounds
VVBF	Victor Valley Bioenergy Facility
VVWRA	Victor Valley Wastewater Reclamation Authority
WAS	waste activated sludge
WEAP	Worker Environmental Awareness Program
WF	wet fraction
WJTCA	Western Joshua Tree Conservation Act
WWTP	wastewater treatment plant
YSMN	Yuhaaviatam of San Manuel Nation
ZEV	zero emission vehicles

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**APPENDIX 1**

**AIR QUALITY AND GHG TECHNICAL MEMO**

**VICTOR VALLEY BIOENERGY FACILITY (VBF)  
PROJECT  
VBF, LLC**

**AIR QUALITY AND GHG TECHNICAL REPORT**

**Prepared By:**

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October, 2023

Project 220501.0138



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## 1. ENVIRONMENTAL SETTING

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This Air Quality and GHG Impact Technical Report has been prepared to support the California Environmental Quality Act (CEQA) evaluation of the proposed Victor Valley Bioenergy Facility (VVBFB) Project (proposed Project). This technical report has been prepared in accordance with the Mojave Desert Air Quality Management District (MDAQMD) CEQA and Federal Conformity Guidelines prepared by the MDAQMD Planning and Rule Making Section Air Monitoring Section (MDAQMD, 2020).

The VVBFB Project will divert up to 1,450 tons per day (TPD) from offsite Southern California's organic waste streams plus 875 TPD (at 2.2 percent solids) of VVWRA's onsite waste streams from landfill disposal in compliance with Senate Bill (SB) 1383. The Project includes three main elements:

- ▶ **Anaerobic Digestion and RNG System.** The first element is an organic polishing system and anaerobic digester that will process up to 700 TPD of recovered organic waste and up to 200 TPD of liquid organic waste and will produce up to 805,920 million British thermal units (MMBtu) per year of renewable natural gas (RNG) from biogas treatment for injection into the Southwest Gas utility pipeline and up to 170 TPD of soil amendment.
- ▶ **Pyrolysis and Biochar System.** The second element is a biosolids drying and pyrolysis system that will process up to 550 TPD of diverted offsite C (WWTP) biosolids plus 875 TPD (at 2.2 percent solids) of VVWRA's digestate (dewatered biosolids) to produce up to 71 TPD of biochar.
- ▶ **Solar System.** The third element is an approximately 14-acre solar array to generate up to 7 megawatts (MW) of electricity (approximately 12,910 megawatt hours [MWhs] / year) with backup batteries for potential use by both VVBFB and VVWRA operations.

A detailed description is included in the CEQA Project Description. Construction will start promptly when permits are obtained and financing is closed (anticipated to occur no later than Q2 of 2026). Construction will take about 24 months for the organics processing and is expected to be completed by Q2 2028, with commissioning complete in Q1 2029. Construction is expected to employ about 100 to 125 people, primarily contractors and subcontractors. Construction of the solar array will start after the organics processing and will take approximately 12 months to complete.

The facility will operate 24 hours per day, 365 days per year. The equipment may shut down periodically for planned and unplanned maintenance, but employees will be onsite at all times. Deliveries will be scheduled primarily during normal business hours. Business hours are from 6 AM to 10 PM for receipt of deliveries of feedstock.

Once operating, the facility will employ approximately 30 people for operations and maintenance.

Protection of the public health is maintained through the attainment and maintenance of ambient air quality standards for various atmospheric compounds and the enforcement of emissions limits for individual stationary sources. The federal Clean Air Act requires that the U.S. Environmental Protection Agency (U.S. EPA) establish National Ambient Air Quality Standards (NAAQS) to protect the health, safety, and welfare of the public. NAAQS have been established for ozone (O<sub>3</sub>), carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), particulate matter with a diameter of 10 microns or less (PM<sub>10</sub>) and fine particulate matter with a diameter of 2.5 microns or less (PM<sub>2.5</sub>), and lead (Pb). California has also adopted ambient air quality standards (CAAQS) for these "criteria" air pollutants. CAAQS are more stringent than the corresponding NAAQS and include standards for hydrogen sulfide (H<sub>2</sub>S), vinyl chloride (chloroethene), and visibility-reducing

particles. The U.S. Clean Air Act Amendments of 1977 required each state to identify areas that were in nonattainment of the NAAQS and to develop State Implementation Plans (SIPs) containing strategies to bring these nonattainment areas into compliance. NAAQS and CAAQS designation/classifications for San Bernardino County are presented in **Section 1.1** below.

Responsibility for regulation of air quality in California lies with the California Air Resources Board (CARB) and the 35 local air districts, with oversight responsibility held by the U.S. EPA. CARB is responsible for regulating mobile-source emissions, establishing CAAQS, conducting research, managing regulation development, and providing oversight and coordination of the activities of the 35 air districts. The air districts are primarily responsible for regulating stationary source emissions and monitoring ambient pollutant concentrations. CARB also determines whether air basins, or portions thereof, are “unclassified,” in “attainment,” or in “nonattainment” for the NAAQS and CAAQS relying on statewide air quality monitoring data.

### **1.1 Air Quality Standards**

The proposed Project area is located within San Bernardino County’s portion of the MDAQMD. The desert portion of San Bernardino County is included along with the far eastern end of Riverside County that compose the MDAQMD. The MDAQMD acts as the regulatory agency for air pollution control in the area and is the local agency empowered to regulate air pollutant emissions for the proposed Project area. **Table 1-1** provides the NAAQS and CAAQS.

**Table 1-1 Federal & California Air Quality Standards**

Pollutant	Averaging Time	NAAQS	CAAQS
		Concentration	
O3	8-hour	0.070 ppm (137 µg/m <sup>3</sup> ) <sup>a</sup>	0.070 ppm (137 µg/m <sup>3</sup> )
	1-hour		0.09 ppm (180 µg/m <sup>3</sup> )
CO	8-hour	9 ppm (10 µg/m <sup>3</sup> )	9 ppm (10 µg/m <sup>3</sup> )
	1-hour	35 ppm (40 µg/m <sup>3</sup> )	20 ppm (23 µg/m <sup>3</sup> )
NO2	Annual arithmetic mean	53 ppb (100 µg/m <sup>3</sup> )	0.030 ppm (57 µg/m <sup>3</sup> )
	1-hour	100 ppb (188 µg/m <sup>3</sup> )	0.18 ppm (339 µg/m <sup>3</sup> )
SO2	3-hour	0.5 ppm (1,300 µg/m <sup>3</sup> )	
	24-hour	No Federal Standard	0.04 ppm (105 µg/m <sup>3</sup> )
	1-hour	75 ppb (196 µg/m <sup>3</sup> )	0.25 ppm (655 µg/m <sup>3</sup> )
Particulate matter (PM10)	Annual arithmetic mean		20 µg/m <sup>3</sup>
	24-hour	150 µg/m <sup>3</sup>	50 µg/m <sup>3</sup>
Fine particulate matter (PM2.5)	Annual arithmetic mean	12 µg/m <sup>3</sup>	12 µg/m <sup>3</sup>
	24-hour	35 µg/m <sup>3</sup>	
Sulfates	24-hour		25 µg/m <sup>3</sup>
Pb <sup>d</sup>	Rolling three-month average	0.15 µg/m <sup>3</sup>	
	Calendar quarter	1.5 µg/m <sup>3</sup>	
	30-day average		1.5 µg/m <sup>3</sup>
H2S	1-hour		0.03 ppm (42 µg/m <sup>3</sup> )
Vinyl chloride (chloroethene)	24-hour		0.010 ppm (26 µg/m <sup>3</sup> )
Visibility-reducing particles	8-hour (1000 to 1800 PST)		<sup>b</sup>

Key:

µg/m<sup>3</sup> = micrograms per cubic meter

CAAQS = California Ambient Air Quality Standards

mg/m<sup>3</sup> = milligrams per cubic meter

NAAQS = National Ambient Air Quality Standards

ppm = parts per million

ppb = parts per billion

Notes:

a. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm

b. Extinction coefficient of 0.23 per kilometer - visibility of 10 miles or more due to particles when relative humidity is less than 70 percent

Source: CARB 2016

Under the provisions of the federal Clean Air Act, the San Bernardino County portion of the MDAQMD has been classified as nonattainment (extreme, moderate, serious), nonattainment, attainment, maintenance, partial nonattainment, unclassified, or no federal standard under the established NAAQS and CAAQS for various criteria pollutants. **Table 1-2** provides the MDAQMD's designation and classification based on the

various criteria pollutants under both NAAQS and CAAQS. **Table 1-3** summarizes the MDAQMD Attainment Plans.

**Table 1-2 Mojave Desert Air Basin (MDAB) NAAQS and CAAQS Attainment Status**

<b>Criteria Pollutant</b>	<b>MDAQMD Attainment Status<sup>1</sup></b>
<b>NAAQS<sup>2</sup></b>	
Ozone 8-hour	Nonattainment (southwest corner of desert portion of San Bernardino County only)
PM2.5	Nonattainment
SO2	Unclassified/Attainment
Lead	Unclassified/Attainment
CO	Unclassified/Attainment
NO2	Unclassified/Attainment
<b>CAAQS<sup>3</sup></b>	
Ozone 1-hour	Nonattainment
Ozone 8-hour	Nonattainment
PM2.5	Nonattainment
PM10	Nonattainment
CO	Attainment
NO2	Attainment
SO2	Attainment
Sulfates	Attainment
H2S	Nonattainment (Searles Valley – northwest corner of San Bernardino County only)
Lead	Attainment

Key:

CAAQS = California Ambient Air Quality Standards

MDAQMD = Mojave Desert Air Quality Management District

NAAQS = National Ambient Air Quality Standards

Source:

1. MDAQMD, 2023.

2. U.S. EPA, 2022a

3. CARB, 2022c

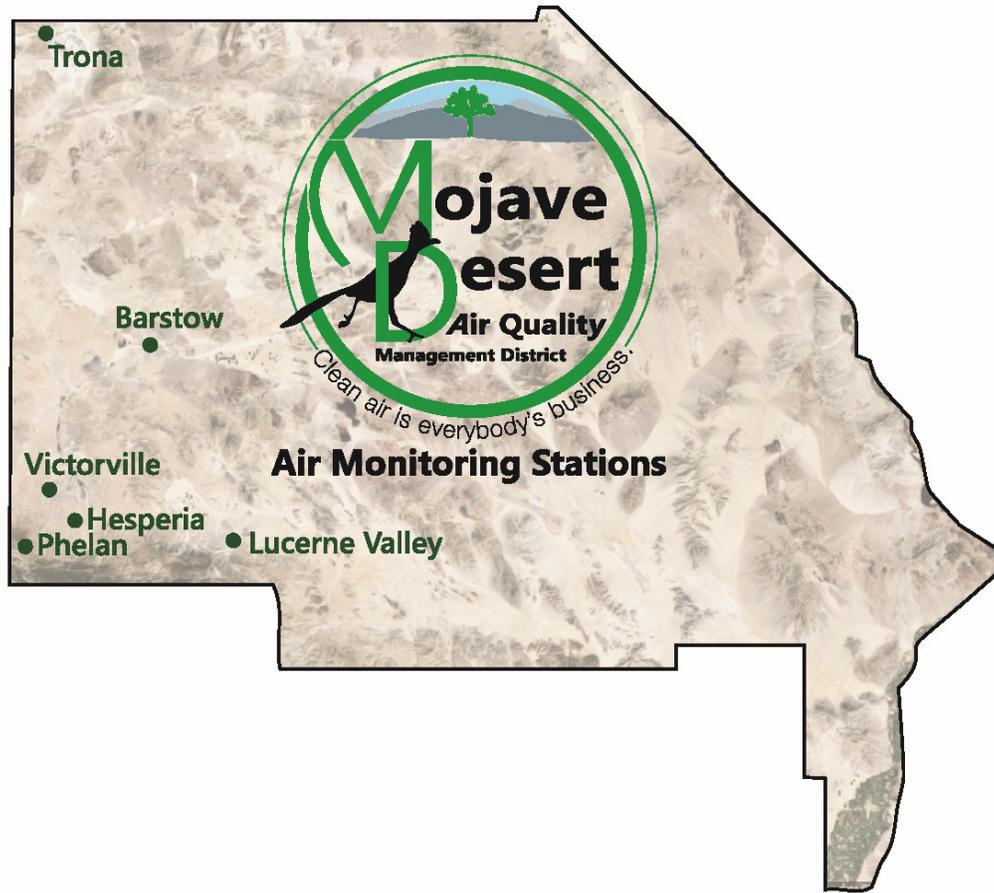
**Table 1-3 MDAQMD Attainment Plans**

<b>Name of Plan</b>	<b>Date of Adoption</b>	<b>Standard(s) Targeted</b>	<b>Applicable Area</b>	<b>Pollutant(s) Targeted</b>	<b>Attainment Date*</b>
MDAQMD Federal 75 ppb Ozone Attainment Plan (Western Mojave Desert Nonattainment Area)	27-Feb-17	Federal 8-hour ozone (75 ppb)	Western Mojave Desert Nonattainment Area (MDAQMD portion)	NOx and VOC	2027
Federal 8-Hour Ozone Attainment Plan (Western Mojave Desert Nonattainment Area)	9-Jun-08	Federal 8-hour ozone (°ppb)	Western Mojave Desert Nonattainment Area (MDAQMD portion)	NOx and VOC	2019 (revised from 2021)
2004 Ozone Attainment Plan (State and Federal)	26-Apr-04	Federal 1-hour ozone	Entire District	NOx and VOC	2007
Attainment Demonstration, Maintenance Plan, and Redesignation Request for the Trona Portion of the Searles Valley PM <sub>10</sub> Nonattainment Area	25-Mar-96	Federal daily and annual PM <sub>10</sub>	Searles Valley Planning Area	PM <sub>10</sub>	N/A
Triennial Revision to the 1991 Air Quality Attainment Plan	22-Jan-96	State 1-hour ozone	Entire District	NOx and VOC	2005
Mojave Desert Planning Area Federal Particulate Matter Attainment Plan	31-Jul-95	Federal daily and annual PM <sub>10</sub>	Mojave Desert Planning Area	PM <sub>10</sub>	2000
Searles Valley PM <sub>10</sub> Plan	28-Jun-95	Federal daily and annual PM <sub>10</sub>	Searles Valley Planning Area	PM <sub>10</sub>	1994
Post 1996 Attainment Demonstration and Reasonable Further Progress Plan	26-Oct-94	Federal 1-hour ozone	Southeast Desert Modified AQMA	NOx and VOC	2007
Reasonable Further Progress Rate-of-Progress Plan	26-Oct-94	Federal 1-hour ozone	Southeast Desert Modified AQMA	NOx and VOC	2007

Source: MDAQMD, 2020.

The MDAQMD, along with CARB, operates an air quality monitoring network that provides information on average concentrations of those pollutants for which federal or State agencies have established NAAQS and CAAQS, respectively. MDAQMD monitoring stations are depicted in **Figure 1-1**.

Figure 1-1 MDAQMD Monitoring Network



Source: [MDAQMD, 2022](#)

## 1.2 Existing Air Quality

Air quality in the Mojave Desert Air Basin (MDAB) is monitored by the MDAQMD, which operates six permanent air monitoring stations throughout the MDAQMD jurisdiction (MDAQMD, 2022). For the purposes of background data and this air quality analysis, this analysis relied on data collected in the last three years for the CARB monitoring station that is in the closest proximity to the proposed Project site. **Table 1-4** presents a summary of 2019 through 2021 air quality data (the latest data available) for O<sub>3</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>, CO, and NO<sub>2</sub> from MDAQMD's monitoring station Victorville - Park Avenue (Station #36306).

**Table 1-4 Existing Ambient Air Quality Monitoring Station in Project Area**

Pollutant and MDAQMD Monitoring Station Location	Maximum Concentration (ppm)			Days Exceeding Standard		
	2019	2020	2021	2019	2020	2021
<b>O3 – 1-hour CAAQS (0.09 ppm)</b>						
Victorville – 14306 Park Avenue	0.104	0.112	0.112	3	4	8
<b>O3 – 8-hour CAAQS (0.07 ppm)</b>						
Victorville – 14306 Park Avenue	0.082	0.095	0.098	34	38	35
<b>O3 – 8-hour NAAQS (0.070 ppm)</b>						
Victorville – 14306 Park Avenue	0.081	0.094	0.098	29	35	34
<b>PM10 – 24-hour CAAQS (50 µg/m³)</b>						
Victorville – 14306 Park Avenue	*	*	*	*	*	*
<b>PM10 – 24-hour NAAQS (150 µg/m³)</b>						
Victorville – 14306 Park Avenue	170.0	261.4	591.6	2	2	1
<b>PM2.5 - 24-hour NAAQS (35 µg/m³)</b>						
Victorville – 14306 Park Avenue	17.8	48.4	87.1	0	4	1
<b>CO - 8-Hour CAAQS &amp; NAAQS (9.0 ppm)</b>						
No data collected	--	--	--	--	--	--
<b>NO2 - 1-Hour CAAQS (0.18 ppm)</b>						
Victorville – 14306 Park Avenue	0.056	0.059	0.056	0	0	0
<b>NO2 - 1-Hour NAAQS (0.10 ppm)</b>						
Victorville – 14306 Park Avenue	0.056	0.0594	0.0566	0	0	0
<b>SO2 – 24-hour Concentration - CAAQS (0.04 ppm) &amp; NAAQS (0.14 ppm)</b>						
No data collected	--	--	--	--	--	--
<b>Pb - Maximum 30-Day Concentration CAAQS (1500 ng/m³)</b>						
No data collected	--	--	--	--	--	--

Key: µg/m³ = micrograms per cubic meter

ng/m³ = nanograms per cubic meter

ppm = parts per million

Note: \* There was insufficient (or no) data available to determine the value.

Source: CARB 2022a, MDAQMD’s monitoring station Victorville - Park Avenue (Station #36306)

The following is a description of criteria air pollutants, typical sources and health effects of pollutants, and the pollutant levels recently documented in the vicinity of the proposed Project.

### 1.2.1 Ozone (O3)

The most severe air quality problem in the San Bernardino County is high concentrations of O3. High levels of O3 cause eye irritation and can impair respiratory functions. High levels of O3 can also affect plants and materials. Grapes, lettuce, spinach and many types of garden flowers and shrubs are particularly vulnerable to O3 damage. O3 is not emitted directly into the atmosphere but is a secondary pollutant produced through photochemical reactions involving hydrocarbons and nitrogen oxides (NOx). Significant O3 generation requires about one to three hours in a stable atmosphere with strong sunlight. For this reason, the months of April

through October comprise the “ozone season.” O<sub>3</sub> is a regional pollutant because O<sub>3</sub> precursors are transported and diffused by wind concurrently with the reaction process.

High levels of O<sub>3</sub> cause eye irritation and can impair respiratory functions. O<sub>3</sub> can cause chest pain, coughing, shortness of breath, and throat irritation; it can also worsen chronic respiratory diseases, such as asthma, and compromise the ability of the body to fight respiratory infections. High levels of O<sub>3</sub> can also affect plants and materials. Grapes, lettuce, spinach, and many types of garden flowers and shrubs are particularly vulnerable to O<sub>3</sub> damage.

The data contained in **Table 1-4** shows that the VVBF Project area exceeded the 1-hour average ambient O<sub>3</sub> CAAQS and the 8-hour average ambient O<sub>3</sub> NAAQS and CAAQS for the 2019 through 2021 period.

### **1.2.2 Suspended Particulate Matter (PM<sub>10</sub> and PM<sub>2.5</sub>)**

Both State and federal particulate standards now apply to PM<sub>10</sub> rather than to total suspended particulate (TSP), which includes particulates up to 30 microns in diameter. Continuing studies have shown that the smaller-diameter fraction of TSP represents the greatest health hazard posed by the pollutant; therefore, U.S. EPA has recently established NAAQS for PM<sub>2.5</sub>. The proposed Project area is classified as “Attainment” for PM<sub>2.5</sub> for both NAAQS and CAAQS, while for PM<sub>10</sub>, it is classified as Moderate – Maintenance for NAAQS and Nonattainment for CAAQS.

Particulate matter consists of particles in the atmosphere resulting from many kinds of dust and fume-producing industrial and agricultural operations, from combustion, and from atmospheric photochemical reactions. Natural activities also increase the level of particulates in the atmosphere; wind-raised dust and ocean spray are two sources of naturally occurring particulates. The largest sources of PM<sub>10</sub> and PM<sub>2.5</sub> in San Bernardino County are vehicle movement over paved and unpaved roads, demolition and construction activities, and unplanned fires. PM<sub>10</sub> and PM<sub>2.5</sub> are considered regional pollutants with elevated levels typically occurring over a wide geographic area. Concentrations tend to be highest in the winter, during periods of high atmospheric stability and low wind speed. In the respiratory tract, very small particles of certain substances may produce injury by themselves or may contain absorbed gases that are injurious. Particulates of aerosol size suspended in the air can both scatter and absorb sunlight, producing haze and reducing visibility. They can also cause a wide range of damage to materials.

**Table 1-4** data shows that PM<sub>10</sub> and PM<sub>2.5</sub> levels occasionally exceeded the NAAQS over the three-year period of 2019 through 2021. Similar levels can be expected to occur in the vicinity of the proposed Project site.

### **1.2.3 Carbon Monoxide (CO)**

Ambient CO concentrations normally correspond closely to the spatial and temporal distributions of vehicular traffic. Relatively high concentrations of CO would be expected along heavily traveled roads and near busy intersections. Wind speed and atmospheric mixing also influence CO concentrations; however, under inversion conditions, CO concentrations may be more uniformly distributed over a broad area.

CO does not irritate the respiratory tract but passes through the lungs directly into the blood stream, and, by interfering with the transfer of fresh oxygen to the blood, deprives sensitive tissues of oxygen, thereby aggravating cardiovascular disease and causing fatigue, headaches, and dizziness. CO is not known to have adverse effects on vegetation, visibility, or materials.

Internal combustion engines, principally in vehicles, produce CO due to incomplete fuel combustion. Various industrial processes also produce CO emissions through incomplete combustion. Gasoline-powered motor

vehicles are typically the major source of this contaminant. The MDAQMD monitoring station did not report CO data, as shown in **Table 1-4**.

#### **1.2.4 Nitrogen Dioxide (NO<sub>2</sub>) and Hydrocarbons**

San Bernardino County has been designated as an attainment area for the NAAQS for NO<sub>2</sub>. NO<sub>2</sub> is the “whiskey brown” colored gas readily visible during periods of heavy air pollution. Mobile sources and oil and gas production account for nearly all of the County’s NO<sub>x</sub> emissions, most of which is emitted as NO<sub>2</sub>. Combustion in motor vehicle engines, power plants, refineries, and other industrial operations are the primary sources of NO<sub>x</sub> in the region. Railroads and aircraft are other potentially significant sources of combustion air contaminants. Oxides of nitrogen are direct participants in photochemical smog reactions. The emitted compound, nitric oxide, combines with oxygen in the atmosphere in the presence of hydrocarbons and sunlight to form NO<sub>2</sub> and O<sub>3</sub>. NO<sub>2</sub>, the most significant of these pollutants, can color the atmosphere at concentrations as low as 0.5 ppm on days of 10-mile visibility. NO<sub>x</sub> is an important air pollutant in the region because it is a primary receptor of ultraviolet light, which initiates the reactions producing photochemical smog. NO<sub>x</sub> also reacts in the air to form nitrate particulates.

Certain hydrocarbons can damage plants by inhibiting growth and by causing flowers and leaves to fall. Levels of hydrocarbons currently measured in urban areas are not known to cause adverse effects in humans. However, certain members of this contaminant group are important components in the reactions that produce photochemical oxidants.

Motor vehicles are the major source of reactive hydrocarbons in the MDAB. Other sources include evaporation of organic solvents and petroleum production and refining operations. **Table 1-4** shows that the federal and State NO<sub>2</sub> standards have not been exceeded at the MDAQMD’s Victorville monitoring station over the three-year period. Please note that the hydrocarbons were not monitored.

#### **1.2.5 Sulfur Dioxide (SO<sub>2</sub>)**

San Bernardino County has been designated as an attainment area for the NAAQS for SO<sub>2</sub>. SO<sub>2</sub> is the primary combustion product of sulfur or sulfur-containing fuels. Fuel combustion is the major source of this pollutant, while chemical plants, sulfur-recovery plants, and metal-processing facilities are minor contributors. Gaseous fuels (natural gas, propane, etc.) typically have lower percentages of sulfur-containing compounds than do liquid fuels, such as diesel or crude oil. SO<sub>2</sub> levels are generally higher in the winter months. Decreasing levels of SO<sub>2</sub> in the atmosphere reflect the use of natural gas in power plants and boilers.

At high concentrations, SO<sub>2</sub> irritates the upper respiratory tract. At lower concentrations, when respired in combination with particulates, SO<sub>2</sub> can result in greater harm by injuring lung tissues. Sulfur oxides (SO<sub>x</sub>), in combination with moisture and oxygen, result in the formation of sulfuric acid, which can yellow the leaves of plants, dissolve marble, and oxidize iron and steel. SO<sub>x</sub> can also react to produce sulfates that reduce visibility and sunlight.

**Table 1-4** shows that no data for SO<sub>x</sub> has been reported over the three-year period in the MDAQMD monitoring station.

#### **1.2.6 Lead (Pb) and Suspended Sulfate**

Ambient Pb levels have dropped dramatically due to the increase in the percentage of motor vehicles that run exclusively on unleaded fuel.

Pb affects most organs in the body, and children are most susceptible to the effects of Pb. In children, Pb can cause behavior and learning problems, slowed growth, anemia, and hearing problems. In adults, Pb can lead to decreased kidney function, reproductive problems, and cardiovascular effects, such as increased blood pressure and incidence of hypertension. Suspended sulfates are part of PM2.5 and therefore have similar health effects. These health effects include reduced lung function, aggravated asthmatic symptoms, increased risk of emergency department visits, hospitalizations, and death in people who have chronic heart or lung disease.

Ambient Pb levels in San Bernardino County are well below the ambient standard and are expected to continue to decline; **Table 1-4** shows no data for Pb has been reported over the three-year period in the MDAQMD monitoring station.

### 1.3 Climate

The MDAQMD's jurisdiction consists of a four-county region that includes desert portions of Kern County, Los Angeles County, Riverside County's Palo Verde Valley, and San Bernardino County's High Desert, covering the majority of the MDAB. The proposed Project facility is located within the San Bernardino County portion of the basin.

The climate in the basin is generally characterized as a dry-hot desert climate and dry-very hot desert with extreme variation in daytime temperature and an average annual precipitation of three to seven inches. The basin is generally influenced by an off-coast Pacific subtropical high cell in summer but rarely impacted by cold air masses from Canada and Alaska (MDAQMD, 2020).

Temperature affects the air quality of the region in several ways. Air masses pushed onshore in southern California by heating differences from the prevailing winds in the MDAB that are out of the west and southwest. Temperature also has a major effect on vertical mixing height and affects chemical and photochemical reaction times. The monthly average temperature across the MDAB ranges from 46 to 84 degrees Fahrenheit (°F). On average, July is the warmest month while December is the coolest month. Most of the annual rainfall in the MDAB falls between November and April (Weather Spark, 2022).

Meteorological data for various monitoring stations is maintained by the Western Regional Climate Center. Meteorological data for the Project site is expected to be similar to the data recorded at Victorville, which is in the same city as the site. This data, provided in **Table 1-5**, contains average precipitation data recorded at the Victorville monitoring station. Over the 109-year period from 1907 through 2016 (the most recent data available), the average annual precipitation was 5.52 inches.

**Table 1-5 Victorville Weather Data**

Period of Record Monthly Climate Summary for the Period 01/01/1917 to 06/06/2016													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Average Maximum Temp (°F)</b>	58.8	62.1	67	74.2	82.7	91.6	98.1	97.2	91.3	80.2	67.3	59.4	77.5
<b>Average Minimum Temp (°F)</b>	29.8	33.1	36.6	41.5	47.9	54.3	60.8	60.2	54.1	44.4	34.5	29.2	43.9
<b>Average Total Precipitation (in.)</b>	0.95	1.05	0.80	0.36	0.13	0.04	0.14	0.21	0.23	0.32	0.50	0.79	5.52
<b>Average Snowfall (in.)</b>	0.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	1.4
<b>Average Snow Depth (in.)</b>	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

Percent of possible observations for period of record:

Max. Temp.: 99.1 percent

Min. Temp.: 98.9 percent

Precipitation: 99.6 percent

Snowfall: 99.5 percent

Snow Depth: 99.2 percent

Source: Western Regional Climate Center, 2022

## 1.4 Climate Change and Greenhouse Gases

### 1.4.1 Global Climate Change

“Global climate change” refers to change in average meteorological conditions on the earth with respect to temperature, precipitation, and storms, lasting for decades or longer. The term “global climate change” is often used interchangeably with the term “global warming,” but “global climate change” is preferred by some scientists and policy makers to “global warming” because it helps convey the notion that in addition to rising temperatures, other changes in global climate may occur. Climate change may result from the following influences:

- ▶ Natural factors, such as changes in the sun’s intensity or slow changes in the Earth’s orbit around the sun.
- ▶ Natural processes within the climate system (e.g., changes in ocean circulation).
- ▶ Human activities that change the atmosphere’s composition (e.g., through burning fossil fuels) and the land surface (e.g., deforestation, reforestation, urbanization, and desertification).

As determined from worldwide meteorological measurements between 1990 and 2005, the primary observed effect of global climate change has been a rise in the average global tropospheric temperature of 0.36 °F per decade. Climate change modeling shows that further warming could occur, which could induce additional changes in the global climate system during the current century. Changes to the global climate system, ecosystems, and the environment of California could include higher sea levels, drier or wetter weather, changes in ocean salinity, changes in wind patterns or more energetic aspects of extreme weather (e.g., droughts, heavy precipitation, heat waves, extreme cold, and increased intensity of tropical cyclones). Specific effects from climate change in California may include a decline in the Sierra Nevada snowpack, erosion of California’s coastline, and seawater intrusion in the Sacramento-San Joaquin Delta.

Human activities, including fossil fuel combustion and land use changes, release carbon dioxide (CO<sub>2</sub>) and other compounds cumulatively termed greenhouse gases (GHGs). GHGs are effective at trapping radiation that would otherwise escape the atmosphere. This trapped radiation warms the atmosphere, the oceans, and the Earth's surface (USGCRP, 2014). Many scientists believe "most of the warming observed over the last 50 years is attributable to human activities" (IPCC, 2017). The increased amount of CO<sub>2</sub> and other GHGs in the atmosphere is the alleged primary result of human-induced warming.

GHGs are present in the atmosphere naturally, released by natural sources, or formed from secondary reactions taking place in the atmosphere. They include CO<sub>2</sub>, methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and O<sub>3</sub>. In the last 200 years, substantial quantities of GHGs have been released into the atmosphere, primarily from fossil fuel combustion. These human-induced emissions are increasing GHG concentrations in the atmosphere, therefore enhancing the natural greenhouse effect. The GHGs resulting from human activity are believed to be causing global climate change. While human-made GHGs include CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O, some (like chlorofluorocarbons [CFCs]) are completely new to the atmosphere. GHGs vary considerably in terms of global warming potential (GWP), the comparative ability of each GHG to trap heat in the atmosphere. The GWP is based on several factors, including the relative effectiveness of a gas to absorb infrared radiation and the length of time that the gas remains in the atmosphere ("atmospheric lifetime"). The GWP of each gas is measured relative to CO<sub>2</sub>, the most abundant GHG. The definition of GWP for a particular GHG is the ratio of heat trapped by one unit mass of the GHG to the ratio of heat trapped by one unit mass of CO<sub>2</sub> over a specified time period. GHG emissions are typically measured in terms of pounds or tons of "CO<sub>2</sub> equivalents" (CO<sub>2</sub>e).

To describe how much global warming a given type and amount of GHG may cause, the CO<sub>2</sub>e is used. The calculation of the CO<sub>2</sub>e is a consistent methodology for comparing GHG emissions since it normalizes various GHG emissions to a consistent reference gas, CO<sub>2</sub>. For example, CH<sub>4</sub>'s warming potential of 25 indicates that the global warming effect of methane is 25 times greater than that of CO<sub>2</sub> on a molecule-per-molecule basis. A CO<sub>2</sub>e is the mass emissions of an individual GHG multiplied by its GWP. Additionally, N<sub>2</sub>O's GWP of 298 indicates that the global warming effect of N<sub>2</sub>O is 298 times greater than that of CO<sub>2</sub> on a molecule-per-molecule basis.

Natural sources of CO<sub>2</sub> include the respiration (breathing) of humans and animals and evaporation from the oceans. Together, these natural sources release approximately 150 billion metric tons (MT) of CO<sub>2</sub> each year, far outweighing the 7 billion MT of GHG emissions from fossil fuel burning, waste incineration, deforestation, cement manufacturing, and other human activity. Nevertheless, natural GHG removal processes such as photosynthesis cannot keep pace with the additional output of CO<sub>2</sub> from human activities. Consequently, GHGs are building up in the atmosphere (U.S. EPA, 2022d).

Methane is produced when organic matter decomposes in environments lacking sufficient oxygen. Natural sources of CH<sub>4</sub> production include wetlands, termites, and oceans. Human activity accounts for the majority of the approximately 500 million metric tons (MMT) of CH<sub>4</sub> emitted annually. These anthropogenic sources include the mining and burning of fossil fuels; digestive processes in ruminant livestock such as cattle; rice cultivation; and the decomposition of waste in landfills. The major removal process for atmospheric CH<sub>4</sub>, the chemical breakdown in the atmosphere, cannot keep pace with source emissions; therefore, CH<sub>4</sub> concentrations in the atmosphere are rising.

Worldwide emissions of GHGs in 2008 were 30.1 billion MT of CO<sub>2</sub>e and have increased considerably since that time (United Nations, 2011). It is important to note that the global emissions inventory data are not all from the same year and may vary depending on the source of the data (U.S. EPA, 2022b). Emissions from the top five emitting countries and the European Union accounted for approximately 70 percent of total global GHG emissions in 2014. The United States was the number two producer of GHG emissions behind China.

The primary GHG emitted by human activities was CO<sub>2</sub>, representing approximately 65 percent of total global GHG emissions (U.S. EPA, 2022c).

In 2020, the United States emitted approximately 5.2 billion MT of CO<sub>2</sub>e. Of the six major sectors nationwide (transportation, electric power, industry, commercial and residential, agriculture), the electric power industry and transportation sectors combined account for approximately 52 percent of the GHG emissions; the majority of the electrical power industry's output and all of the transportation emissions are generated from direct fossil fuel combustion. Between 1990 and 2020, total United States GHG emissions decreased approximately 7.3 percent (U.S. EPA, 2022b).

Worldwide, energy-related CO<sub>2</sub> emissions are expected to increase at an average rate of 0.6 percent annually between 2020 and 2050, compared with the average growth rate of 1.8 percent per year from 1990 to 2018. Much of the increase in these emissions is expected to occur in the developing world where emerging economies, such as China and India, fuel economic development with fossil fuel energy. Developing countries' emissions are expected to grow above the world average at a rate of approximately 1 percent annually between 2018 and 2050 and surpass emissions of industrialized countries by 2025 (U.S. EIA, 2019).

CARB is responsible for developing and maintaining the California GHG emissions inventory. This inventory estimates the amount of GHGs emitted into and removed from the atmosphere by human activities within the state of California and supports the Assembly Bill (AB) 32 Climate Change Program.

In 2020, emissions from statewide emitting activities were 369.2 MMT of CO<sub>2</sub> equivalent (MMTCO<sub>2</sub>e), which is 35.3 MMTCO<sub>2</sub>e lower than 2016 levels and 61.8 MMTCO<sub>2</sub>e below the State's 2020 GHG limit. Under the abnormal context of COVID-19 pandemic, the statewide and transportation GHG showed a 61.8 MMTCO<sub>2</sub>e and a 27 MMTCO<sub>2</sub>e decrease (CARB, 2022b).

CARB estimates that transportation was the source of approximately 37 percent of California's GHG emissions in 2020, followed by industrial sources at 20 percent. Other sources of GHG emissions were electricity at 16 percent, residential plus commercial activities at 11 percent, agriculture at 9 percent and various others account for 7 percent (CARB, 2022b).

### **1.4.2 Effects of Global Climate Change**

Changes in the global climate are assessed using historical records of temperature changes that have occurred in the past. Climate change scientists use this temperature data to extrapolate a level of statistical significance specifically focusing on temperature records from the last 150 years (the Industrial Age) that differ in rate and magnitude from past climate changes.

The Intergovernmental Panel on Climate Change (IPCC) constructed several emission trajectories of GHGs needed to stabilize global temperatures and climate change impacts. In its Fifth Assessment Report, the IPCC predicted that the global mean temperature change from 1990 to 2100 could range from 1.1 degree Celsius (°C) to 6.4 °C (8 to 10.4 °Fahrenheit) (IPCC, 2013). Global average temperatures and sea levels are expected to rise under all scenarios (IPCC, 2014). The IPCC concluded that global climate change was largely the result of human activity, mainly the burning of fossil fuels. However, the scientific literature, and conclusions therein, are not consistent regarding the specific causes of climate change, the actual temperature changes during the 20th century, and contributions from human versus non-human activities.

Effects from global climate change may arise from temperature increases, climate sensitive diseases, extreme weather events, and degradation of air quality. There may be direct temperature effects through increases in average temperature leading to more extreme heat waves and less extreme cold spells. Those living in warmer

climates are likely to experience more stress and heat-related problems. Heat-related problems include heat rash and heat stroke, drought, etc. In addition, climate-sensitive diseases may increase, such as those spread by mosquitoes and other disease-carrying insects. Such diseases include malaria, dengue fever, yellow fever, and encephalitis. Extreme events, such as flooding and hurricanes, can displace people and agriculture. Global warming may also contribute to air quality problems from increased frequency of smog and particulate air pollution.

According to the 2006 California Climate Action Team (CAT) Report, several climate change effects can be expected in California over the course of the next century (CalEPA, 2006). These predictions are based on trends established by the IPCC and are summarized below.

- ▶ A Sierra Nevada snowpack declining by 70 to 90 percent, threatening the state's water supply.
- ▶ A rise in sea levels, resulting in the displacement of coastal businesses and residences. During the past century, sea levels along California's coast have risen about seven inches. If emissions continue unabated and temperatures rise into the higher anticipated warming range, sea level is expected to rise an additional 22 to 35 inches by the end of the century. Sea level rises of this magnitude would inundate coastal areas with salt water, accelerate coastal erosion, threaten vital levees and inland water systems, and disrupt wetlands and natural habitats. (Note: This condition would not affect the proposed Project area, as it is a significant distance away from coastal areas.)
- ▶ An increase in temperature and extreme weather events. Climate change is expected to lead to increases in the frequency, intensity, and duration of extreme heat events and heat waves in California. More heat waves can exacerbate chronic disease or heat-related illness.
- ▶ Increased risk of large wildfires if rain increases as temperatures rise. Wildfires in the grasslands and chaparral ecosystems of southern California are estimated to increase by approximately 30 percent toward the end of the 21st century because more winter rain will stimulate the growth of more plant fuel available to burn in the fall. In contrast, a hotter, drier climate could promote up to 90 percent more northern California fires by the end of the century by drying out and increasing the flammability of forest vegetation.
- ▶ Temperatures increasing between 8 to 10.4 °F under the higher emission scenarios, leading to a 25 to 35 percent increase in the number of days that ozone pollution levels are exceeded in most urban areas (see below).
- ▶ Increased vulnerability of forests due to forest fires, pest infestation, and increased temperatures.
- ▶ Reductions in the quality and quantity of certain agricultural products. The crops and products likely to be adversely affected include wine grapes, fruit, nuts, and milk.
- ▶ Exacerbation of air quality problems. If temperatures rise to the medium warming range, there could be 75 to 85 percent more days with weather conducive to ozone formation in MDAB, relative to today's conditions. This is more than twice the increase expected if rising temperatures remain in the lower warming range. This increase in air quality problems could result in an increase in asthma and other health-related problems.
- ▶ A decrease in the health and productivity of California's forests. Climate change can cause an increase in wildfires, an enhanced insect population, and establishment of non-native species.
- ▶ Increased electricity demand, particularly in the hot summer months.
- ▶ Increased ground-level ozone formation due to higher reaction rates of ozone precursors.

### 1.4.3 Global Climate Change Regulatory Issues

In 1988, the United Nations established the IPCC to evaluate the impacts of global warming and to develop strategies that nations could implement to curtail global climate change. In 1992, the United Nations Framework Convention on Climate Change established an agreement with the goal of controlling GHG emissions, including methane. As a result, the Climate Change Action Plan was developed to address the reduction of GHGs in the United States. The plan consists of more than 50 voluntary programs. Additionally, the Montreal Protocol was originally signed in 1987 and substantially amended in 1990 and 1992. The Montreal Protocol stipulates that the production and consumption of compounds that deplete O<sub>3</sub> in the stratosphere (CFCs, halons, carbon tetrachloride, and methyl chloroform) were to be phased out by the year 2000 (methyl chloroform was phased out by 2005).

On September 27, 2006, the State of California enacted AB 32, the California Global Warming Solutions Act of 2006. The legislature stated, "Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California." AB 32 mandated a cap of California's GHG emissions at 1990 levels by 2020. AB 32 defined GHG emissions as comprising all the following gases: CO<sub>2</sub>, methane, N<sub>2</sub>O, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride. AB 32 was the first enforceable statewide program in the U.S. to cap all GHG emissions from major industries that includes penalties for non-compliance. While acknowledging that national and international actions will be necessary to fully address the issue of global warming, AB 32 lays out a program to inventory and reduce GHG emissions in California and from power generation facilities located outside the state that serve California residents and businesses.

AB 32 charged CARB with responsibility to monitor and regulate sources of GHG emissions in order to reduce those emissions. CARB adopted a list of discrete early action measures that can be implemented to reduce GHG emissions. CARB defined the 1990 baseline emissions for California and adopted that baseline as the 2020 statewide emissions cap. CARB conducted rulemaking for reducing GHG emissions to achieve the emissions cap by 2020. In designing emission reduction measures, CARB aimed to minimize costs, maximize benefits, improve and modernize California's energy infrastructure, maintain electric system reliability, maximize additional environmental and economic co-benefits for California, and complement the State's efforts to improve air quality.

Subsequent legislation by the California legislature has included Senate Bill (SB) 32, which expanded upon AB 32 to reduce GHG emissions to 40 percent below the 1990 levels by 2030; AB 197, which increased legislative oversight of the CARB by adding two legislatively appointed, non-voting members to the CARB Board and provided additional protection to disadvantaged communities; SB 350, which increased California's renewable energy electricity procurement goal; and SB 100, which established a landmark policy requiring renewable energy and zero-carbon resources to supply 100 percent of electrical retail sales to end-use customers and 100 percent of electricity procured to serve State agencies by 2045.

Global warming and climate change have received substantial public attention for more than 30 years. For example, the United States Global Change Research Program was established by the Global Change Research Act of 1990 to enhance the understanding of natural and human-induced changes in the Earth's global environmental system; to monitor, understand, and predict global change; and to provide a sound scientific basis for national and international decision-making. Even so, the analytical tools have not been developed to determine the effect on worldwide global warming from a particular increase in GHG emissions, or the resulting effects on climate change in a particular locale. The scientific tools needed to evaluate the impacts that a specific project may have on the environment are even farther in the future.

The California Supreme Court's CEQA decision on the Newhall Ranch development case, *Center for Biological v. California Department of Fish and Wildlife* (November 30, 2015, Case No. 217763), and more recently in

Protecting Our Water and Environmental Resources v. County of Stanislaus (2020), determined that the project’s Environmental Impact Report (EIR) did not substantiate the conclusion that the GHG cumulative impacts would be less than significant. The EIR determined that the Newhall Ranch development project would reduce GHG emissions by 31 percent from business-as-usual (BAU). This reduction was compared to California’s target of reducing GHG emissions statewide by 29 percent from BAU. The Court determined that “the EIR’s deficiency stems from taking a quantitative comparison method developed by the Scoping Plan as a measure of the greenhouse gas reduction effort required by the state as a whole, and attempting to use that method, without adjustments, for a purpose very different from its original design.” In the Court’s final ruling it offered suggestions that were deemed appropriate use of the BAU methodology:

1. Lead agencies can use the comparison to BAU methodology if they determine what reduction a particular project must achieve in order to comply with statewide goals.
2. Project design features that comply with regulations to reduce emissions may demonstrate that those components of emissions are less than significant.
3. Lead agencies could also demonstrate compliance with locally adopted climate plans or could apply specific numerical thresholds developed by some local agencies.

The Victor Valley Wastewater Reclamation Authority (VWRA), the lead CEQA agency for the proposed Project, has not developed specific thresholds for GHGs. As discussed in **Section 5.1**, the MDAQMD, a CEQA Responsible Agency for the proposed Project, has developed thresholds to determine significance of potential air quality impacts attributable to the proposed Project – 100,000 MTCO<sub>2</sub>e (MDAQMD, 2020).

#### **1.4.4 San Bernardino County Regional Greenhouse Gas Reduction Plan**

The San Bernardino County Council of Governments (SBCOG) prepared a San Bernardino County Regional Greenhouse Gas Reduction Plan in March of 2021 (ICF International and LSA, 2021). The plan includes GHG emissions inventories for the City of Victorville for the years 2008, 2016, and 2030 as well as a GHG emissions reduction plan aiming for GHG reduction by 2030 to 46 percent below the 2008 GHG emission levels by sector and by control. The majority of emission reductions are due to State measures that focus on strategies to reduce GHG emissions from building energy consumption and on-road transportation.

#### **1.4.5 City of Victorville Climate Action Plan**

The City of Victorville Development Department prepared its Climate Action Plan (CAP) with the support of San Bernardino Association of Governments (SANBAG) in September of 2015 (City of Victorville, 2015). The CAP describes how the City of Victorville can reduce GHG emissions to comply with AB 32 and other relevant climate action regulations.

## 2. REGULATORY SETTING

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### 2.1 Federal

#### 2.1.1 Clean Air Act

The U.S. EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives, and emissions sources outside of state waters (Outer Continental Shelf). U.S. EPA is responsible for implementing the CAA, which is the comprehensive federal law that regulates air emissions from stationary and mobile sources.

The CAA is designed to attain compliance with the NAAQS adopted by the U.S. EPA (42 United States Code (U.S.C.) § 7409). U.S. EPA has adopted NAAQS for ozone, CO, NO<sub>2</sub>, SO<sub>2</sub>, PM<sub>10</sub>, PM<sub>2.5</sub>. (40 CFR Part 50.) For planning purposes, U.S. EPA has divided the country into separate "air quality control regions" (42 U.S.C. § 7407; 40 CFR Part 81). U.S. EPA must determine whether each air quality region is in "attainment" or "nonattainment" of the NAAQS for each criteria pollutant (42 U.S.C. § 7407(d)(4); 42 U.S.C. § 7501(2)). Once a region is designated as in nonattainment, the CAA requires states to prepare a "state implementation plan" (SIP) (42 U.S.C. § 7410). Each SIP must provide for: (1) "implementation of all reasonably available control measures as expeditiously as practicable," and (2) the attainment of the NAAQS. U.S. EPA must review and approve each proposed SIP (42 U.S.C. § 7410(a)(1)).

The MDAB is an air quality control region under the CAA. The MDAQMD is responsible for preparing the Basin's "Air Quality Management Plan" (AQMP) (Health and Safety Code § 40408). The AQMP serves as the SIP under the CAA (Health and Safety Code § 40460). The AQMP sets forth a variety of general "control measures" designed to attain and maintain the NAAQS within the Basin (Health and Safety Code § 40913).

The CAA is organized into seven main sections:

- ▶ Title I – Air Pollution Prevention and Control
  - Part A – Air Quality and Emission Limitations
  - Part B – Ozone Protection
  - Part C – Prevention of Significant Deterioration (PSD) of Air Quality
  - Part D – Plan Requirements for Nonattainment Areas
- ▶ Title II – Emission Standards for Moving Sources
  - Part A – Motor Vehicle Emission and Fuel Standards
  - Part B – Aircraft Emission Standards
  - Part C – Clean Fuel Vehicles
- ▶ Title III – General Provisions
- ▶ Title IV – Noise Pollution
- ▶ Title IV-A – Acid Deposition Control
- ▶ Title V – Permits

► Title VI – Stratospheric Ozone Protection

Title I Part C of the CAA is Prevention of Significant Deterioration (PSD), which applies to new major sources or major modifications at existing sources for pollutants where the area that the source is located in is in attainment or unclassifiable with the NAAQS. It requires installation of the “Best Available Control Technology” (BACT), an air quality analysis, an additional impacts analysis, and public involvement. PSD review will not be required for the proposed Project, because it does not constitute a new major source or major modification to an existing source (physical change to existing equipment). Title III of the CAA regulates TACs and is applicable to the proposed Project as analyzed in Chapter 4. Title V of the CAA establishes a federal permit program. The Title V program is implemented by the MDAQMD for areas within its jurisdiction. Title V permits incorporate all federally enforceable requirements as well as state and local requirements.

### **2.1.2 Greenhouse Gas Reporting Program (GHGRP)**

U.S. EPA’s GHGRP, codified at 40 CFR Part 98, requires GHG data reporting from large GHG emission sources, fuel and industrial gas suppliers, and carbon dioxide injection sites in the United States. In general, the GHGRP applies to facilities that emit 25,000 MT CO<sub>2</sub>e or more per year in the United States and requires such facilities to submit GHG emission reports on an annual basis. U.S. EPA electronically verifies data submitted and publishes the data.

## **2.2 State**

### **2.2.1 CAAQS**

The California Clean Air Act sets forth a state regulatory program that is parallel to the federal CAA program. The California CAA is designed to attain compliance with the CAAQS within specified “air quality basins” (Health and Safety Code § 39606). CARB has adopted CAAQS for all pollutants for which the federal government has NAAQS, and has also established standards for sulfates, visibility, H<sub>2</sub>S, and vinyl chloride. California standards are generally more stringent than the NAAQS. Federal and state air quality standards are presented in Table 1-1.

For the most part, CARB’s air quality basins have the same boundaries as U.S. EPA’s air quality control regions. Like U.S. EPA under the Federal CAA, CARB must determine whether each air quality basin is attainment or nonattainment of the CAAQS for each criteria pollutant (Health and Safety Code § 39608). An “attainment plan” must be prepared for each nonattainment region (Health and Safety Code § 40911). Like federal SIPs, attainment plans must demonstrate how nonattainment basins will achieve and maintain the CAAQS (Health and Safety Code § 40913). Within each region/basin, the same document generally serves as both the SIP and the attainment plan (Health and Safety Code § 41650(a)). These plans are variously referred to as “air quality management plans”, “air quality maintenance plans”, “attainment plans”, or “non-attainment plans”. CARB must review and approve each attainment plan (Health and Safety Code § 40911).

The MDAB is an air quality basin under the California CAA. The MDAQMD’s AQMP serves as the attainment plan under the California Act for the Basin (Health and Safety Code § 40460). The AQMP sets forth a variety of general “control measures” designed to attain and maintain the CAAQS within the Basin (Health and Safety Code § 40913). Thus, the AQMP serves the same purpose under the California CAA and the parallel CAA – it provides a blueprint for attaining compliance with both the NAAQS and the CAAQS. CARB, which became part of the CalEPA in 1991, is responsible for ensuring implementation of the California CAA and federal CAA, and for regulating emissions.

### **2.2.2 AB 617 Community Air Protection Program**

On July 26, 2017, Governor Brown approved Assembly Bill No. 617 ("AB 617"). AB 617 added and amended various sections of the California Health and Safety Code. The intent of AB 617 is to develop a collaborative relationship between CARB and local air districts to facilitate community participation, provide a science-based foundation supporting the identification of communities with high cumulative exposure burdens, accelerate the development and use of advanced air monitoring methods and equipment, and support the use of new mobile and stationary source technology. To achieve those goals, AB 617 requires six significant measures: (1) Annual Reporting; (2) Best Available Retrofit Control Technology ("BARCT"); (3) a Statewide Clearinghouse of BARCT; (4) Community Air Monitoring; (5) Community Emissions Reduction Programs; and (6) Increased Penalties.

The AB 617 Program's focus is to reduce exposure in communities most impacted by air pollution. A central component of the program is the selection of specific communities in which the Community Air Monitoring and Community Emissions Reductions Programs take place. These communities are selected based on community exposure to air pollution. The proposed VVBF Project is not within an area designated for Community Air Monitoring and Community Emissions Reductions.

### **2.2.3 AB 1807 and AB 2728**

California also has established a state air toxics program, California Toxic Air Contaminants Program (Tanner Bill) (AB 1807), which was modified by the Revised Tanner Bill (AB 2728). This program sets forth provisions to implement the national program for control of HAPs.

### **2.2.4 AB 2588**

The Air Toxic "Hot Spots" Information and Assessment Act (AB 2588), as amended by Senate Bill (SB) 1731, requires operators of certain stationary sources to inventory air toxic emissions from their operations and, if directed to do so by the local air district, prepare a health risk assessment (HRA) to determine the potential health impacts of such emissions. If the health impacts are determined to be "significant" (greater than 10 per one million exposures or non-cancer hazard index greater than 1.0), each facility operator must, upon approval of the HRA, provide public notification to affected individuals.

### **2.2.5 Proposition 65**

Proposition 65, officially named the "Safe Drinking Water and Toxic Enforcement Act of 1986," became law in California in 1986. The Proposition was intended to protect California citizens and the State's drinking water sources from chemicals known to cause cancer, birth defects, or other reproductive harm, and to inform citizens about exposure to such chemicals. Under the statute, the state must maintain and update a list of such chemicals. Additionally, a person doing business cannot expose an individual to such a chemical without first giving a clear and reasonable warning. The warning can be provided in various ways, such as by labeling a consumer product, posting signs at the workplace, or distributing or publishing notices.

### **2.2.6 AB 32: MRR and Cap-and-Trade**

The California Global Warming Solutions Act of 2006 (AB 32), requires a sharp reduction of GHG emissions in California in preparation to transition the State to a sustainable, low-carbon future. Pursuant to AB 32, CARB has adopted various programs and regulations with the goal of achieving maximum GHG emission reductions considering technological feasibility and cost-effectiveness.

CARB's Mandatory Reporting of Greenhouse Gas Emissions (MRR) program is a program that CARB developed and adopted under AB 32 MRR. The MRR (codified at Title 17, CCR, sections 95100-95157) incorporates certain requirements promulgated by U.S. EPA's GHGRP and is applicable to electricity generators, industrial facilities, fuel suppliers, and electricity importers. In general, the MRR applies to facilities that emit 10,000 MT CO<sub>2</sub>e or more per year in California and requires such facilities to submit GHG emission reports on an annual basis. The MRR also requires the independent verification of GHG emissions data reports by a CARB-accredited verification body. CARB then publishes the publicly available data.

Another program that CARB developed and adopted under AB 32 is the California Cap-and-Trade Program, which applies to electricity generators, distributors of transportation, natural gas, and other fuels, and large industrial facilities emitting 25,000 MT CO<sub>2</sub>e or more annually in California. Facilities subject to Cap-and-Trade are considered "covered entities," and are required to register with the Cap-and-Trade Program, report and verify GHG emissions pursuant to the MRR, submit valid compliance instruments to fulfill the compliance obligation, and retain applicable records. Cap-and-Trade establishes a limit, or cap, on GHG emissions from covered entities. The cap commenced in 2013 and declines over time, achieving GHG emission reductions over time in alignment with AB 32. The cap is used to allocate emission credits, which are distributed to covered facilities. A facility's credits give them permission to release a certain quantity of emissions. Facilities with more credits than they need can sell them as offsets, enabling other facilities to buy the right to emit more.

## 2.3 Regional

The MDAQMD has regulatory authority over stationary sources and air pollution control equipment, and limited authority over mobile sources for areas within its jurisdiction. The MDAQMD is responsible for air quality planning in the Basin. The applicable air quality plans establish strategies that will be used to achieve compliance with CAAQS in all areas within the MDAQMD's jurisdiction.

The MDAQMD rules and regulations which are applicable to the proposed VVBF Project, include but are not limited to the following:

- ▶ Rule 201 – Permit to Construct
- ▶ Rule 202 – Temporary Permit to Operate
- ▶ Rule 203 - Permit to Operate
- ▶ Rule 203.1 – Special Permit Provisions
- ▶ Rule 203.2 – Eligibility of Compensatory Emissions Reductions
- ▶ Rule 204 – Permit Conditions
- ▶ Rule 204.1 – Special Permit Conditions
- ▶ Rule 210 – Applications
- ▶ Rule 219 – Equipment Not Requiring a Permit
- ▶ Rule 220 – Exemptions – Net Increase in Emissions
- ▶ Rule 221 – Federal Operating Permit Requirement
- ▶ Rule 222 – Limitations on Potential to Emit

### 3. AIR QUALITY AND GHG ANALYSIS METHODS

#### 3.1 Criteria Pollutant Emissions

The proposed VVBF Project would be constructed and would operate in an existing portion of VVWRA facility currently used for drying beds. There are no relevant direct baseline emissions within the VVWRA site. There are potentially existing baseline emissions from transportation and disposal of existing organics waste streams; however, their existing impact is spread between both the MDAB and South Coast Air Basin and could be estimated as part of a more detailed cumulative impact assessment if deemed necessary by VVWRA as the CEQA Lead Agency. For the purposes of assessing direct emissions related to the proposed VVBF Project, these existing transportation disposal emissions have not been estimated. **Table 3-1** summarizes the calculation methods used for each type of criteria pollutant emission source. Further calculation details are included in Appendices B, C and D.

**Table 3-1 Criteria Pollutant Estimation Method by Emission Source**

Emission Source	Estimation Method	Source
Construction	General equipment types and construction phasing assumptions provided by VVBF Team. Off-road equipment emissions factors from CalEEMod v. 2022.1 for year 2023. On-road fleet emissions factors from EMFAC2021 for year 2026. Construction worker travel emissions factors from EMFAC2021 for year 2026 applying the average mix of LDA (light duty auto) LDT1 (light-duty truck 1) and LDT2 (light-duty truck 2) vehicle categories. (See Appendix A for construction period analysis details).	CalEEMod v. 2022.1, CAPCOA, 2022; EMFAC 2021, CARB 2022d
Mobile	Trip generation estimates provided by VVBF Team. Trip lengths estimated from MDAQMD air basin line to the VVBF Project site for truck hauling trips and from home-work average trip lengths for workers (CAPCOA, 2022). Emission factors taken from EMFAC2021 v1.0.2 (CARB, 2022). An average of LDA (light duty auto) LDT1 (light-duty truck 1) and LDT2 (light-duty truck 2) emission factors were used to represent employee trip emissions, and T7 Single Other Class 8 emission factors for year 2026 were used to represent general heavy-duty truck trip activities. (See Appendix B for mobile source analysis details.)	CalEEMod v. 2022.1, CAPCOA, 2022; EMFAC 2021 v1.0.2, CARB 2022d
Stationary	Operational emissions were calculated using a detailed stationary source assessment of all equipment and processes, which included emission factors from manufacturer specifications, MDAQMD rules and guidance, U.S. EPA's approved emission factors known as AP-42, and similar operations. (See Table 2-2 below and Appendix C for Stationary Source Emissions analysis details.)	U.S. EPA, 1995; manufacturing specifications
Area	Standard area sources include wood stoves, fireplaces, consumer products, architectural coatings, and landscape equipment. VVBF will not have wood stoves or fireplaces; Further, given the industrial nature and high desert surroundings, landscaping and landscape equipment is not anticipated. Consumer products and architectural coatings apply to new buildings. VVBF will have an office which is expected to be modular and assembled, but not coated, onsite. The VVBF Project any new buildings constructed or coated onsite anticipated as part of the Project.	NA

Key: CalEEMod = California Emissions Estimator Model  
 CAPCOA = California Air Pollution Control Officers Association  
 CARB = California Air Resources Board  
 EMFAC = California Emissions Factor model  
 MDAQMD = Mojave Desert Air Quality Management District  
 LDA = light duty auto  
 LDT = light-duty truck

Estimates for the number of trips and vehicle miles traveled (VMT) were based on average distances between the proposed VVBF Project site and various material transfer sites and disposal destinations provided by the VVBF Project team. These total distances were used for energy and transportation evaluations. For the purposes of estimating mobile source emissions from offsite truck trips, travel distances only accounted for the trip portion within the MDAB.

**Table 3-2** presents the methods for stationary source emission by equipment type.

**Table 3-2 Stationary Source Emissions Estimation Methodology**

<b>Stationary Sources (No. of sources if &gt; 1)</b>	<b>Criteria Pollutants Methodology</b>
<b>Combustion Emissions</b>	
Biosolids Dryer (4)	<p><u>Combustion Emissions:</u> Emission factors for natural gas, assumed AP-42, Table 1.4-1 for NO<sub>x</sub> and CO and Table 1.4-2 for VOC, PM<sub>10</sub>, SO<sub>x</sub>. Using a low NO<sub>x</sub> burner for a thermal oil system that will transfer heat indirectly and eliminate VOC and NO<sub>x</sub> emissions.<sup>1</sup></p> <p><u>Evaporative Emissions:</u> NH<sub>3</sub>, H<sub>2</sub>S and PM<sub>10</sub> emission rates based on engineering design. Dryer emissions (including converted NO<sub>x</sub> and SO<sub>x</sub>) controlled through ammonia scrubber, TO and SO<sub>x</sub> scrubber.</p>
Digestate Dryer Burner (2)	Same as biosolids dryer
Flare (3)	Manufacturer flare specs used for NO <sub>x</sub> , VOC, CO and PM <sub>10</sub> with 99% controls on VOC emissions. Biogas has 50 ppm H <sub>2</sub> S max, fully converted to SO <sub>2</sub> .
Thermal Oil Burner	AP-42 Table 1.4-2. <sup>1</sup> Using a 20-ppm low NO <sub>x</sub> burner for a thermal oil system that will transfer heat indirectly and eliminate VOC and NO <sub>x</sub> emissions.
Thermal Oxidizer (TO)	BACT for NO <sub>x</sub> , VOC, CO, PM <sub>10</sub> and SO <sub>x</sub> . Remaining emission factors assumed South Coast AQMD default for natural gas. <sup>2</sup>
Pyrolyzer – Rotary Kiln Burner	AP-42 Table 1.4-2. <sup>1</sup> Using a 30 PPM low NO <sub>x</sub> burner for a thermal oil system that will transfer heat indirectly and eliminate VOC and NO <sub>x</sub> emissions.
Hot Water Boiler	AP-42 Table 1.4-2. <sup>1</sup> Using a 20 PPM low NO <sub>x</sub> burner for a thermal oil system that will transfer heat indirectly and eliminate VOC and NO <sub>x</sub> emissions.
<b>Foul Air</b>	
Wet Fraction Receiving Bin (2)	Assume 0.2 lb/wet ton /day of VOC; Receiving bins have 12 hours of storage (SJVAPCD, 2022). <sup>3</sup>
Liquid Reception Tank (4)	Assume 0.2 lb/wet ton /day of VOC; Receiving bins have 12 hours of storage (SJVAPCD, 2022). <sup>3</sup>
Biosolids Receiving Bin (1)	Assume 0.02 lb/wet ton /day of VOC for biosolids; Receiving bins have 12 hours of storage (SJVAPCD, 2022). <sup>3</sup>
Digestate Buffer Tank (1)	Assume 0.02 lb/wet ton /day of VOC for biosolids; Receiving bins have 12 hours of storage (SJVAPCD, 2022). <sup>3</sup>
Filtrate Buffer Tank (1)	NA

Biosolids and Digestate Dryer Foul Air Emissions Equipment (11)	All foul air is controlled in BACT scrubbing equipment to remove Ammonia, VOC, H2S, and PM10. Inlet contaminate concentrations are estimates based on the expected mass volatilization of ammonia, VOCs, and H2S at design drying temperatures. PM10 inlet concentration is based on the expected dust carryover from air velocity over the dried solids.
Biogas Upgrader	NA
<b>Biosolid Pellet / Char Loading</b>	
Biosolid Pellet/Char Storage Loading (2)	Particulate emissions estimated from AP-42, Table 11.17.4 for product transfer (2.2 lb-PM/ton). Emissions controlled with baghouse (99 percent). <sup>1</sup>
Cooling Towers	South Coast AQMD Guidelines for Cooling Towers for PM10 from drift. <sup>5</sup>
WWTP	Provide odor control on the covered WWTP.

Key:

CO = carbon monoxide  
H2S = hydrogen sulfide  
NH3 = ammonia  
NOx = nitrogen oxides  
PM10 = particulate matter with a diameter of 10 microns or less  
ppm = parts per million  
SOx = sulfur oxides  
TO = thermal oxidizer  
VOC = volatile organic compounds  
WWTP = Wastewater treatment plant

Notes:

1. U.S. EPA, 1995. Fifth Edition Compilation of Air Pollutant Emission Factors, Volume 1: Stationary Point and Area Sources.
2. South Coast Air Quality Management District (South Coast AQMD), 2016a. AER Help and Support Manual. <http://www3.aqmd.gov/webappl/help/newaer/index.html>.
3. San Joaquin Valley Air Pollution Control District (SJVAPCD) 2022. Compost emission Factor Report. [https://www.valleyair.org/busind/pto/emission\\_factors/Criteria/Criteria/Composting/Compost%20EF.pdf](https://www.valleyair.org/busind/pto/emission_factors/Criteria/Criteria/Composting/Compost%20EF.pdf)
4. California Air Resources Board (CARB), 2015. CARB Emissions Inventory Methodology for Composting Facilities. <https://www.arb.ca.gov/ei/areasrc/Composting%20Emissions%20Inventory%20Methodology%20Final%20Combined.pdf>.
5. South Coast AQMD, 2016b. BACT Guidelines. <http://www.aqmd.gov/home/permits/bact/guidelines>.

### 3.2 Indirect Impacts

Every project could have potential indirect impacts from offsite activities and induced growth; these indirect impacts must be considered. Project-related offsite activities would include trucks hauling feed stock into the proposed Project site and disposing of waste streams. Truck movements associated with the proposed Project would consist of the redirection of existing truck trips that are currently bound for the landfill to dispose of existing organic waste streams. The proposed VVBF Project operations would divert existing truck movements but would not generate new activities within the MDAB and South Coast Air Basins.

At the local intersection level, the proposed Project would add new trucks to the roads through the City of Victorville and up to the VVWRA/VVBF complex. Further, these truck movements would be spread out throughout the day with no more than five to eight truck roundtrips per hour added to the local roadway network. For these reasons, the potential offsite, localized air quality impacts, such as higher CO concentrations (CO "hot spots") near intersections or roadway segments, in the proposed VVBF Project vicinity would be small. Further, there have been generally low ambient CO concentrations (so low they are no longer reported) versus the State one-hour CO standard of 20.0 ppm and the State eight-hour CO standard of 9.0 ppm in the VVBF Project area. In addition, more stringent vehicle emissions standards in the past 20 years have lowered the potential for CO hot spots. Carbon monoxide concentrations in the VVBF Project vicinity

have steadily declined since the adoption of these standards and hot spots could not be generated even in very busy intersections. Due to these considerations, no Project-specific analysis of local CO hot spots is required and no further CO evaluation relative to indirect impacts is included.

Regarding potential growth-inducement impacts, the VVBF Project would accommodate existing organics waste streams that are currently being disposed at landfills and would not provide a new service that allows additional regional growth. For these reasons, the VVBF Project would not be expected to induce growth and no further evaluation is included.

### 3.3 Cumulative Impacts

Cumulative impacts are similar to direct and indirect impacts from a project and account for a proposed project's incremental impact to all related activities in the region. For example, in the case of a subdivision project, a given project has a cumulative impact when considered with all other subdivision projects from the standpoint of each type of impact (cumulative construction emissions, residential natural gas consumption, solvent use, transportation emissions, congestion, etc.). Similarly, a new mine project has a cumulative impact when considered with all other mining projects from the standpoint of each type of impact (cumulative construction emissions, diesel equipment emissions, blasting emissions, fugitive emissions, transportation, congestion, etc.).

The potential cumulative impacts of the VVBF Project first take into account whether the proposed Project's direct emissions exceed MDAQMD thresholds of significance (see **Table 5-1** and **Section 5** below for further discussion). As discussed previously, much of the proposed VVBF Project's transportation and disposal emissions are already currently being emitted within the region and would be considered part of the cumulative baseline. Consequently, when considered in combination with other waste disposal projects in the region, the proposed VVBF Project's contribution to cumulative air emissions in the region would not be cumulatively considerable.

### 3.4 Conformity Impacts

A project is non-conforming if it conflicts with or delays implementation of any applicable attainment or maintenance plan. A project is conforming if it complies with all applicable MDAQMD rules and regulations, complies with all proposed control measures that are not yet adopted from the applicable plan(s), and is consistent with the growth forecasts in the applicable plan(s) (or is directly included in the applicable plan). Conformity with growth forecasts can be established by demonstrating that the project is consistent with the land use plan that was used to generate the growth forecast. The VVBF Project is a consistent industrial activity within the existing VVWRA complex.

### 3.5 Sensitive Receptor Land Uses

Potential impacts to sensitive receptors in proximity (e.g., 500 to 1,000 feet) to major industrial operations, such as the proposed VVBF Project, must be considered. Sensitive receptor land uses include residences, schools, daycare centers, playgrounds, and medical facilities. The closest residential community to the proposed Project site is Oro Grande, located approximately 1.5 miles to the southeast on the other side of the Mojave River, which is well over 1,000 feet from the proposed Project site. For these reasons, no further assessment of potential impacts to sensitive receptors in the vicinity of the VVBF Project is required and no further evaluation is included.

### 3.6 GHG Emissions

CEQA does not require “perfection” but instead “adequacy, completeness, and a good faith effort at full disclosure” (Section 15003 (i)); therefore, the analysis of the proposed Project’s anticipated GHG emissions and climate change impacts is based on methodologies and information available at the time that this technical report was prepared. Estimation of anticipated GHG emissions that would occur in the future does not account for changes in technology that may reduce such emissions; therefore, the estimates are based on past performance and represent a scenario that may be worse than that which may actually occur. Many uncertainties exist regarding the precise relationship between specific levels of GHG emissions and the ultimate impact on global climate; significant uncertainties also exist regarding the GHG reduction potential of mitigation strategies. Thus, while the information below is being presented to assist the public and VVWRA’s decision makers in understanding the proposed Project’s potential contribution to global climate change impacts, the information available to VVWRA is not sufficiently detailed to allow a direct comparison between particular characteristics of the proposed Project and particular climate change impacts, nor between any particular proposed mitigation measure and any reduction in climate change impacts.

The recommended approach for GHG analysis included in the California Governor’s Office of Planning and Research’s (OPR’s) June 2008 release is to (1) identify and quantify GHG emissions, (2) assess the significance of the impact on climate change, and (3) if the impact is significant, identify alternatives and/or mitigation measures to reduce the impact below a level of significance (State of California, 2008). Neither the CEQA statutes nor Guidelines prescribe quantitative thresholds of significance or a particular methodology for performing an impact analysis; therefore, significance criteria are left to the judgment and discretion of the lead agency.

The June 2008 OPR guidance provides some additional direction regarding planning documents:

*CEQA can be a more effective tool for GHG emissions analysis and mitigation if it is supported and supplemented by sound development policies and practices that will reduce GHG emissions on a broad planning scale and that can provide the basis for a programmatic approach to project-specific CEQA analysis and mitigation. For local government lead agencies, adoption of General Plan policies and certification of General Plan EIRs that analyze broad jurisdiction wide impacts of GHG emissions can be part of an effective strategy for addressing cumulative impacts and for streamlining later project-specific CEQA reviews (State of California, 2008).*

Pursuant to SB 97, the OPR is in the process of developing guidelines for analysis of the effects of GHG emissions. As part of this process, the OPR has asked CARB technical staff to recommend statewide interim thresholds of significance for GHGs. The CARB released a preliminary draft staff proposal in October 2008 that included initial suggestions for significance criteria related to industrial, commercial, and residential projects.

In March 2010, CEQA Guidelines amendments were adopted and include the following direction regarding determination of significant impacts from GHG emissions (Title 14 California Code of Regulations [CCR] Section 15064.4):

- a) *The determination of the significance of greenhouse gas emissions calls for a careful judgment by the lead agency consistent with the provisions in section 15064. A lead agency should make a good-faith effort, based on available information, to describe, calculate or estimate the amount of greenhouse gas emissions resulting from a project. A lead agency shall have discretion to determine, in the context of a particular project, whether to:*

1. *Use a model or methodology to quantify greenhouse gas emissions resulting from a project, and which model or methodology to use. The lead agency has discretion to select the model it considers most appropriate provided it supports its decision with substantial evidence. The lead agency should explain the limitations of the particular model or methodology selected for use; or*
  2. *Rely on a qualitative analysis or performance based standards.*
- b) *A lead agency may consider the following when assessing the significance of impacts from greenhouse gas emissions on the environment:*
1. *The extent to which the project may increase or reduce greenhouse gas emissions as compared to the existing environmental setting.*
  2. *Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.*
  3. *The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions. Such regulations or requirements must be adopted by the relevant public agency through a public review process and must include specific requirements that reduce or mitigate the project's incremental contribution of greenhouse gas emissions. If there is substantial evidence that the possible effects of a particular project are still cumulatively considerable notwithstanding compliance with the adopted regulations or requirements, an EIR must be prepared for the project.*

CEQA Guidelines Section 15064(b) provides:

*The determination of whether a project may have a significant effect on the environment calls for careful judgment on the part of the public agency involved, based to the extent possible on scientific and factual data. An ironclad definition of significant effect is not always possible because the significance of an activity may vary with the setting.*

CO<sub>2</sub>e were calculated with the use of GWPs to convert CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O and compared against MDAQMD's GHG threshold of 100,000 tons per year (MDAQMD, 2020). Additionally, the GHG reduction measures from the City of Victorville's Climate Action Plan includes GHG reduction measures for the City of Victorville (City of Victorville, 2015). These measures are presented under the Impact Assessment section of this report to support the evaluation of the proposed VVBF Project conformity with the SBCOG City of Victorville emission reduction measures and the City of Victorville's CAP.

The proposed VVBF Project would reduce annual GHG emissions at 1) landfills by up to 54,000 metric tons MT of CO<sub>2</sub>e and 2) in reduced transport in the region by up to 4,800 MT of CO<sub>2</sub>e (because the Project diverts landfill bound trucks to this anaerobic digester).

## **4. PROJECT DESIGN FEATURES AND BEST MANAGEMENT PRACTICES**

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The estimated construction and operational emissions from the proposed Project would be less than significant and therefore no specific mitigation measures would be required. However, to ensure that the proposed Project is in compliance with all applicable MDAQMD rules and regulations, the applicant shall implement and comply with a number of measures that are either recommended as a “good operating practice” for environmental stewardship or they are required by regulation. Some of the listed measures are regulatory requirements or construction requirements that would result in further emission reductions through their inclusion in proposed Project construction and long-term design.

### **4.1 Recommended Measures to Reduce Fugitive Dust and Equipment Exhaust During Construction**

The following measures are recommended for construction activities:

- ▶ Limit and remove the accumulation of mud and/or dirt from adjacent public roadways at the end of each workday. (Use of dry rotary brushes is prohibited except when preceded or accompanied by sufficient wetting to limit visible dust emissions, and use of blowers is expressly forbidden).
- ▶ Stabilize the surface of storage piles following the addition or removal of materials using water or chemical stabilizer/suppressants.
- ▶ Remove visible track-out from the site at the end of each workday.
- ▶ Cease grading or other activities that cause excessive (greater than 20 percent opacity) dust formation during periods of high winds (greater than 20 miles per hour over a one-hour period).
- ▶ Maintain all construction equipment as recommended by manufacturer manuals.
- ▶ Shut down equipment when not in use for extended periods.
- ▶ Construction equipment shall operate no longer than eight cumulative hours per day.
- ▶ Use electric equipment for construction whenever possible in lieu of diesel or gasoline powered equipment.
- ▶ Curtail use of high-emitting construction equipment during periods of high or excessive ambient pollutant concentrations.
- ▶ All construction vehicles shall be equipped with proper emissions control equipment and kept in good and proper running order to substantially reduce NOx emissions.
- ▶ On-road and off-road diesel equipment shall use diesel particulate filters if permitted under manufacturer’s guidelines.
- ▶ On-road and off-road diesel equipment shall use cooled exhaust gas recirculation if permitted under manufacturer’s guidelines.
- ▶ All construction workers shall be encouraged to shuttle (carpool) to retail establishments or to remain onsite during lunch breaks.
- ▶ All construction activities within the Project area shall be discontinued during the first stage smog alerts.
- ▶ Construction and grading activities shall not be allowed during first stage O3 alerts. First stage O3 alerts are declared when the O3 level exceeds 0.20 ppm (1-hour average).

## **4.2 Other Measures to Reduce Project Impacts**

The following measures are recommended to further reduce the potential for long-term emissions from the proposed Project and are required as a matter of regulatory compliance:

- ▶ The Project design shall comply with applicable standards set forth in Title 24 of the Uniform Building Code to minimize total consumption of energy.

## 5. IMPACT ASSESSMENT

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### 5.1 Significance Criteria

To determine whether a proposed project could create a potential CEQA impact, local, State, and federal agencies have developed various means by which a project's impacts may be measured and evaluated. Such means can generally be categorized as follows:

- ▶ Thresholds of significance adopted by air quality agencies to guide lead agencies in their evaluation of air quality impacts under the CEQA.
- ▶ Regulations established by air districts, CARB, and EPA for the evaluation of stationary sources when applying for Authorities to Construct, Permits to Operate, and other permit program requirements (e.g., New Source Review).
- ▶ Thresholds utilized to determine if a project would cause or contribute significantly to violations of the ambient air quality standards or other concentration-based limits.
- ▶ Regulations applied in areas where severe air quality problems exist.

Summary tables of these emission-based and concentration-based thresholds of significance for each pollutant are provided below along with a discussion of their applicability.

#### 5.1.1 Thresholds Adopted for the Evaluation of Air Quality and GHG Impacts under CEQA

In order to maintain consistency with CEQA, the MDAQMD adopted guidelines to assist applicants in complying with the various requirements. According to the MDAQMD's CEQA and Federal Conformity Guidelines (MDAQMD, 2020), a project would have potentially significant air quality impacts when the project:

- ▶ Generates total emissions (direct and indirect) in excess of the thresholds given in **Table 5-1**.
- ▶ Generates a violation of any ambient air quality standard when added to the local background.
- ▶ Does not conform with the applicable attainment or maintenance plan(s).<sup>1</sup>
- ▶ Exposes sensitive receptors to substantial pollutant concentrations, including those resulting in a cancer risk greater than or equal to 10 in a million and/or a Hazard Index (HI) (non-cancerous) greater than or equal to 1 (refers to sensitive receptor land use discussion above).
- ▶ Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment.
- ▶ Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

The MDAQMD thresholds are designed to implement the general criteria for air quality emissions as required in the CEQA Guidelines, Appendix G, Paragraph III (14 CCR 15064.7) and CEQA (California Public Resources

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<sup>1</sup> A project is deemed to not exceed this threshold, and hence not be significant, if it is consistent with the existing land use plan. Zoning changes, specific plans, general plan amendments, and similar land use plan changes that do not increase dwelling unit density, do not increase vehicle trips, and do not increase vehicle miles traveled are also deemed to not exceed this threshold.

Code Sections 21000 et. al). MDAQMD’s specific CEQA air quality thresholds for constructions and operations phases for criteria air pollutants and GHGs are presented in **Table 5-1**.

**Table 5-1 MDAQMD Air Quality Significance Thresholds**

<b>Pollutant</b>	<b>Annual Threshold (short tons)</b>	<b>Daily Threshold (pounds)</b>
Greenhouse gases (CO2e)	100,000	548,000
Carbon monoxide (CO)	100	548
Oxides of nitrogen (NOx)	25	137
Volatile organic compounds (VOC)	25	137
Oxides of sulfur (SOx)	25	137
particulate matter (PM10)	15	82
particulate matter (PM2.5)	12	65
Hydrogen sulfide (H2S)	10	54
Lead (Pb)	0.6	3

### 5.1.2 Thresholds for Ambient Air Quality Impacts

Appendix G (Environmental Checklist) of the State CEQA Guidelines states that a project that would “violate any air quality standard or contribute substantially to an existing or projected air quality violation” would be considered to create significant impacts to air quality. Therefore, an air quality impact assessment should determine whether the emissions from a project would cause or contribute significantly to violations of the NAAQS or CAAQS (presented above in **Table 1-1**) when added to existing ambient concentrations.

### 5.1.3 Thresholds for Hazardous Air Pollutants

The Air Toxics “Hot Spots” Information and Assessment Act (AB 2588) applies to facilities with emissions that exceed significant or action risk levels. This State law reduces the health risk associated with emissions of toxic air contaminants from existing sources by specifying limits for the maximum individual cancer risk, cancer burden, and non-cancer acute and chronic HI, and requiring facilities to implement risk reduction plans to achieve these risk limits, as required by the Hot Spots Act. If sensitive receptor setbacks are exceeded, it is possible that the preparation of a health risk assessment to demonstrate compliance with specified limits could be triggered.

In 1992, the California legislature added a risk reduction component called, the Facility Air Contaminant Risk Audit and Reduction Plan (or also known as SB 1731), which required action risk levels and significant risk levels. As discussed above, CARB considers whether a project has the potential to expose sensitive receptors to substantial pollutant concentrations, including those resulting in a cancer risk greater than or equal to 10 in a million and/or a HI (non-cancerous) greater than or equal to 1 (refers to sensitive receptor land use discussion above). No health risk modeling was conducted for the proposed VVBF Project because the nearest sensitive receptors are located approximately 1.5 miles from the proposed VVBF Project site, which is much further than the screening distance of 1,000 feet recommended by MDAQMD.

### 5.1.4 Cumulative Impacts Threshold of Significance

A project impact that is individually limited may nonetheless contribute to a larger cumulative impact. A “cumulative impact” is defined as two or more impacts from related past, current, or probable future projects which, when considered together, are considerable.

A CEQA impact analysis must discuss a cumulative impact if an anticipated project impact makes a “cumulatively considerable” contribution to the larger cumulative impact. A project impact is “cumulatively considerable” if the impact is significant when viewed with similar impacts from related projects. If a project’s incremental contribution to a cumulative impact is not cumulatively considerable, however, the CEQA impact analysis need only briefly describe the basis for its conclusions.

A lead agency may find that a project’s contribution to a cumulative impact is not cumulatively considerable if the project will comply with the requirements of a plan, regulation, or mitigation program and the plan or program (1) is adopted by an agency with jurisdiction over the affected resources and (2) sets forth specific requirements that will avoid or substantially lessen the cumulative impact within the relevant geographic area. The relevant geographic area for analysis of cumulative criteria pollutant air quality impacts herein is the MDAB. The MDAB is a designated air quality control region under the federal Clean Air Act and a designated air quality basin under the California Clean Air Act. Compliance with both acts is measured based on criteria pollutant concentrations throughout the MDAB. The MDAQMD has established thresholds for individual projects and if the project emissions are below established thresholds, then the project is considered to be in compliance with the MDAQMD’s air quality planning and the proposed Project’s cumulative impacts are found to be less than cumulatively considerable.

## 5.2 Project Analysis Results

### 5.2.1 Estimated VVBF Project Construction Emissions

The VVBF Project team provided a list of specific construction equipment and anticipated construction phasing. The construction emissions were based on CalEEMod construction equipment emission factors. Applying model factors as well as a conservative analysis approach, construction emissions were estimated as if construction were to start in 2023. Based on the Project-defined phasing, equipment, and schedule, the Project construction is estimated to last up to four years, and Project construction is estimated to begin during year 2023. The dates applied may not represent the actual dates the equipment will operate; however, the total construction time is accurate, and, therefore, all estimated emission totals are conservative and reflect a reasonable and legally sufficient estimate of potential impacts. All construction equipment activity levels were assumed based on the Project-specified values for type and number of equipment, hours per day, and horsepower provided by the VVBF Project team. **Table 5-2** presents the proposed Project’s short-term emissions based on the anticipated construction activities.

**Table 5-2 Short-Term Project Emissions**

Emissions Source	Pollutant					
	ROG	NOx	CO	SOx	PM10	PM2.5
<b>Maximum Pounds per Day</b>						
Maximum daily construction emissions	1.35	11.66	12.77	0.03	1.07	0.54
<b>MDAQMD daily threshold</b>	137	137	548	137	82	65
<b>Is daily threshold exceed for a single day</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Maximum Tons Per Year</b>						

Maximum annual construction emissions	0.25	2.13	2.31	0.00	0.11	0.09
<b>MDAQMD daily threshold</b>	25	25	100	25	15	12
<b>Is threshold exceeded for a single year</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<i>Source: Trinity Consultants 2023</i>						

As calculated with CalEEMod emission factors and Project-specified phasing and equipment, the estimated short-term construction-related emissions would not exceed MDAQMD significance thresholds during any given day or year.

### 5.2.2 VVBF Project Operations Emissions

Long-term emissions are caused by operational stationary equipment, and mobile sources and are estimated using Project parameters and accepted emission factors as described in **Section 3** above, Air Quality and GHG Analysis Methods. The proposed Project is expected to have long-term air quality impacts as shown in **Table 5-3**. The estimated mobile and stationary source emission details are included in Appendix B.

**Table 5-3 VVBF Project Operation Emissions**

Emissions Source	Pollutant					
	ROG	NOx	CO	SOx	PM10	PM2.5 <sup>1</sup>
<b>Maximum Pounds Per Day</b>						
Stationary source emissions	113.67	113.07	242.24	49.18	62.45	61.82
Mobile source emissions	0.13	10.16	2.32	0.14	0.17	0.16
Total daily operations emissions	113.80	123.22	244.56	49.33	62.62	61.98
<b>MDAQMD daily threshold</b>	<b>137</b>	<b>137</b>	<b>548</b>	<b>137</b>	<b>82</b>	<b>65</b>
Is threshold exceeded after mitigation?	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Maximum Tons Per Year</b>						
Stationary source emissions	16.91	14.10	26.69	3.80	9.65	9.56
Mobile source emissions	0.02	1.59	0.41	0.02	0.03	0.03
Total annual operations emissions	16.93	15.69	27.10	3.82	9.68	9.58
<b>MDAQMD annual threshold</b>	<b>25</b>	<b>25</b>	<b>100</b>	<b>25</b>	<b>15</b>	<b>12</b>
Is threshold exceeded after mitigation?	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
Source: VVBF and Trinity Consultants 2023						
Note: 1. PM2.5 calculated from PM10 using a factor of 0.99 (South Coast AQMD, 2006)						

As shown in **Table 5-3** Long-term emissions are caused by operational stationary equipment, and mobile sources and are estimated using Project parameters and accepted emission factors as described in **Section 3** above, Air Quality and GHG Analysis Methods. The proposed Project is expected to have long-term air quality impacts as shown in **Table 5-3**. The estimated mobile and stationary source emission details are included in Appendix B.

Table 5-3, operation-related estimated emissions would be less than the MDAQMD significance thresholds during any given day or year. This scenario represents full operations after completion of the construction period. There is the potential for the construction of the solar array to occur during full operations of the bioenergy portion of the facility; this potential scenario was assessed in **Table 5-4**.

**Table 5-4 VVBF Project Operation Emissions Plus Solar Array Construction Activities**

<b>Emission Source</b>	<b>ROG</b>	<b>NOx</b>	<b>CO</b>	<b>SOx</b>	<b>PM10</b>	<b>PM2.5 1</b>
<b>Maximum Pounds Per Day</b>						
<b>Operations</b>						
Stationary Source	113.67	113.07	242.24	49.18	62.45	61.82
Mobile Source	0.13	10.16	2.32	0.14	0.17	0.16
Area Source	--	--	--	--	--	--
<b>Construction</b>						
Solar Array Construction	0.40	2.93	3.87	0.01	0.17	0.16
Total daily operations emissions	114.20	126.16	248.43	49.34	62.79	62.14
<b>MDAQMD daily threshold</b>	<b>137</b>	<b>137</b>	<b>548</b>	<b>137</b>	<b>82</b>	<b>65</b>
<b>Exceed Threshold?</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>
<b>Maximum Tons Per Year</b>						
<b>Operations</b>						
Stationary Source	16.91	14.10	26.69	3.80	9.65	9.56
Mobile Source	0.0212	1.5883	0.4108	0.0226	0.0266	0.0255
Area Source	--	--	--	--	--	--
<b>Construction</b>						
Solar Array Construction	0.07	0.54	0.72	0.00	0.03	0.03
TOTAL	17.01	16.22	27.81	3.82	9.71	9.61
<b>MDAQMD annual threshold</b>	<b>25</b>	<b>25</b>	<b>100</b>	<b>25</b>	<b>15</b>	<b>12</b>
<b>Exceed Threshold?</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

As shown in **Table 5-4** Long-term emissions are caused by operational stationary equipment, and mobile sources and are estimated using Project parameters and accepted emission factors as described in **Section 3** above, Air Quality and GHG Analysis Methods. The proposed Project is expected to have long-term air quality impacts as shown in **Table 5-3**. The estimated mobile and stationary source emission details are included in Appendix B.

Table 5-3, operation-related estimated emissions with solar array construction activities would be less than the MDAQMD significance thresholds during any given day or year.

### 5.2.3 Potential Impact on Sensitive Receptors

Sensitive receptors are defined as locations where young children, chronically ill individuals, the elderly, or people who are more sensitive than the general population reside, such as schools, hospitals, nursing homes, and daycare centers. The proposed VVBF Project site is largely surrounded by undeveloped area surrounded by other industrial activities. The community of Oro Grande has the closest residences, schools, and medical facilities to the VVBF Project and is located approximately 1.5 miles from the Project site, which is more than 1,000 feet from the VVBF Project, which means that the proposed Project would fall outside of the radius designated by MDAQMD, within which localized impacts to sensitive receptors would occur. Regarding odor, there are no nearby sensitive receptors, and therefore no significant odor increase is expected above current levels. Odor controls measures such as facility enclosures and negative pressurization will also be employed. As explained above in **Section 3.5**, Sensitive Receptor Land Uses, given that the distance between the proposed Project and the closest sensitive receptors is 1.5 miles, more than the required 1,000 feet, no further evaluation of the proposed Project's potential impacts on sensitive receptors is required.

## 5.2.4 Potential Impacts from Carbon Monoxide

Ambient CO concentrations normally correspond closely to the spatial and temporal distributions of vehicular traffic. Relatively high concentrations of CO would be expected along heavily traveled roads and near busy intersections. CO concentrations are also influenced by wind speed and atmospheric mixing. CO concentrations may be more uniformly distributed when inversion conditions are prevalent in the valley. Under certain meteorological conditions, CO concentrations along a congested roadway or intersection may reach unhealthful levels for sensitive receptors, e.g., children, the elderly, hospital patients, etc. This localized impact can result in elevated levels of CO, or "hot spots" even though concentrations at the closest air quality monitoring station may be below NAAQS and CAAQS.

The localized project impacts depend on whether ambient CO levels in the project vicinity would be above or below NAAQS. If ambient levels are below the standards, a project is considered to have significant impacts if a project's emissions would exceed one or more of these standards. If ambient levels already exceed a State standard, a project's emissions are considered significant if they would be expected to increase one-hour CO concentrations by 10 ppm or more or eight-hour CO concentrations by 0.45 ppm or more. Typical criteria by which CO "hot spot" modeling should be considered include the following:

1. A traffic study for the project indicates that the level of service (LOS) on one or more streets or at one or more intersections in the project vicinity would be reduced to LOS E or F; or
2. A traffic study indicates that the project would substantially worsen an already existing LOS F on one or more streets or at one or more intersections in the project vicinity.

According to the Project proponent, at the time of this analysis no traffic impact study has been prepared for this proposed Project. Further, due to the location of the VVBF Project site and the fact that there is little development in the immediate vicinity and little regional traffic increase anticipated from the proposed Project, impacted intersections and roadway segments are anticipated to operate at a LOS of C or better. Further, the VVBF Project is designed to divert truck trips that are already on regional roadways and currently bound for area landfills. For these reasons, CO "hot spot" modeling was not conducted for this proposed Project and no concentrated excessive CO emissions are expected to be caused once the proposed Project is completed.

## 5.2.5 Greenhouse Gases Emissions

The estimated operations GHG emissions of the proposed VVBF Project are summarized in **Table 5-5** and compared to the MDAQMD's GHG emissions threshold for informational purposes. Construction emissions annualized over 30 years are included in the VVBF Project's estimated GHG emissions; 30 years is the anticipated life of the project and therefore sufficient basis for the annualization

**Table 5-5 Estimated Annual Operations GHG Emissions (MT/Year)**

Source	CO <sub>2</sub>	CH <sub>4</sub>	N <sub>2</sub> O	CO <sub>2</sub> e
Stationary Sources	83,509.09	1.11	0.16	83,584.31
Direct Electricity Usage	6,835.27	0.65	0.08	6,875.10
Mobile Sources	2,164.55	0.002	0.329	2,262.55
Indirect Electricity from Water Usage	65.43	0.00	0.00	65.82
Indirect Electricity from Wastewater Generation	38.92	0.00	0.00	39.14
Construction emissions (annualized over 30 years)	15.068	0.001	0.00	15.0897
<b>Total Project Operational Emissions</b>				<b>92,842.01</b>
MDAQMD CO <sub>2</sub> e Threshold	<b>100,000</b>			
Is Threshold Exceeded?	<b>NO</b>			

Source: Trinity Consultants, 2023; Governor's Office of Planning and Research, 2023

The projected increase in CO<sub>2</sub>e emissions associated with the proposed Project's construction and operations activities would be less than MDAQMD's GHG threshold of 100,000 MT/year.

### **5.2.6 Feasible and Reasonable GHG Mitigation**

CEQA requires that all feasible and reasonable mitigation be applied to a project to reduce the impacts from construction and operations on air quality.

For the last two decades, as part of its efforts to reduce local air pollution, CARB, many air districts, and local governments have promoted a number of programs to combat climate change. For instance, emission-reduction programs include energy conservation, low-carbon fuel technologies (natural gas vehicles, electric hybrids, hydraulic hybrids, and battery-electric vehicles), renewable energy, VMT-reduction programs, and market incentive programs. The following list summarizes the types of programs promoted to combat climate change.

- ▶ Promote zero and near-zero emission technologies through ultra-clean energy strategies to meet air quality, energy security, and climate change objectives.
- ▶ Promote zero and near-zero emission technologies in both stationary and mobile applications to the extent feasible.
- ▶ Promote diversification of electricity generation technologies to provide reliable, feasible, affordable, sustainable, and zero or near-zero emission electricity supply in partnership with local power producers.
- ▶ Promote demand-side management programs to manage energy demand growth. Such programs include, but are not limited to, energy conservation, energy efficiency, and load-shifting measures.
- ▶ Promote in-MDAB distributed electricity generation, with emphasis on distributed renewable electricity generation, to reduce reliance on energy imports or central power plants, and to minimize the air quality, climate, and cross-media environmental impacts of traditional power generation.
- ▶ Incorporate energy efficiency and conservation as an emission reduction strategy for stationary and mobile sources through an air quality management district's planning, rule-making, advocacy, and CEQA commenting activities.
- ▶ Promote electricity storage technology to improve the supply reliability, availability, and increased generation technology choices.

Additional reductions would be achieved through the air district and CARB regulatory process as required changes to diesel engines are implemented that would affect the product delivery trucks and limits on idling.

While it is not possible to determine whether the proposed Project individually would have a significant impact on global warming or climate change, the proposed Project would potentially contribute to cumulative GHG emissions in California as well as related health effects. The proposed Project emissions would only be a very small fraction of the statewide GHG emissions. However, without the necessary science and analytical tools, it is not possible to assess, with certainty, whether the proposed Project's contribution would be cumulatively considerable within the meaning of CEQA Guidelines Sections 15065(a)(3) and 15130. CEQA, however, does note that the more severe environmental problems, the lower the thresholds for treating a project's contribution to cumulative impacts as significant. Given the position of the legislature in AB 32, which states that global warming poses serious detrimental effects, and the requirements of CEQA for the lead agency to

determine that a project would not have a cumulatively considerable contribution, the effect of the proposed Project’s CO<sub>2</sub> contribution may be determined to be cumulatively considerable. This determination is speculative, given the lack of clear scientific evidence or other criteria for determining the significance of the proposed Project’s contribution of GHG to the air quality in the MDAB.

The strategies currently being implemented by CARB may help in reducing the proposed Project’s GHG emissions and are summarized in **Table 5-6** below.

**Table 5-6 Select CARB GHG Emission Reduction Strategies**

Strategy	Description of Strategy
Vehicle climate change standards	AB 1493 (Pavley) required the State of California to develop and adopt regulations that achieve the maximum feasible and cost-effective reduction of climate change emissions emitted by passenger vehicles and light-duty trucks. Regulations were adopted by CARB in Sept. 2004.
Diesel anti-idling	In July 2004, CARB adopted a measure to limit diesel-fueled retail motor vehicle idling.
Other light-duty vehicle technology	New standards would be adopted to phase in beginning in the 2017 model year.
Alternative fuels: biodiesel blends	CARB would develop regulations to require the use of 1 to 4 percent biodiesel displacement of California diesel fuel.
Alternative fuels: ethanol	Increased use of ethanol fuel.
Heavy-duty vehicle emission reduction measures	Increased efficiency in the design of heavy-duty vehicles and an educational program for the heavy-duty vehicle sector.

Not all these measures are currently appropriate or applicable to the proposed Project. While future legislation could further reduce the proposed Project’s GHG footprint, the analysis of this is speculative and, in accordance with CEQA Guidelines Section 15145, will not be further evaluated in this air quality impact assessment.

CEQA Guidelines Section 15130 notes that sometimes the only feasible mitigation for cumulative impacts may involve the adoption of ordinances or regulations rather than the imposition of conditions on a project-by-project basis. Global climate change is this type of issue. The causes and effects may not be just regional or statewide, they may also be worldwide. Given the uncertainties in identifying, let alone quantifying, the impact of any single project on global warming and climate change, and the efforts made to reduce emissions of GHGs from the proposed Project through design, in accordance with CEQA Section 15130, any further feasible emissions reductions would be accomplished through CARB regulations adopted pursuant to AB 32.

Additionally, as mentioned above in **Section 3.6**, GHG Emissions, under Air Quality and GHG Analysis Methods, SBCOG has prepared a San Bernardino County Regional GHG Reduction Plan for the City of Victorville and the City of Victorville’s CAP. **Table 5-7** and **Table 5-8** present these measures and assesses the proposed Project’s conformity with these local GHG emission reduction strategies.

**Table 5-7 SBCOG GHG Emission Reduction Strategies for the City of Victorville**

Measure	Measure Description	VVBF Project Conformity
<b>State Measures</b>		
State SB 100	SB 100	Will conform where applicable
State SB 350	SB 350	Will conform where applicable
State T24	Title 24 Energy Efficiency Standards	Will conform where applicable

State – Solar Water Heater	Solar Water Heaters (residential)	Not applicable
State Increased CHP	Increased Combined Heat Power (Commercial)	Will conform where applicable
State On-Road	State Fuel Efficiency Measures	Will conform where applicable
State SB 1383	Methane Capture	Applicable Conforms – The purpose of the proposed Project is to reduce organics being sent to landfills and instead convert into bioenergy.
<b>Local Measures</b>		
Building Energy	Energy 1 -Building Energy Efficiency	Will conform where applicable
	Energy 2 – Lighting Efficiency	Will conform where applicable
	Energy 3 – All Electric Buildings	Will conform where applicable
	Energy 5 – Renewable Energy – New Commercial/Industrial	Applicable and Conforms
	Energy 6 – Solar Energy for Warehouse Space	Not Applicable
	Energy 7 – Solar Installation for Existing Housing	Not Applicable
	Energy 8 – Solar Installation for Existing Commercial/Industrial	Applicable and Conforms
	Energy 9 – Rooftop Gardens	Not Applicable
	Energy 10 – Urban Tree Planting for Sharing and Energy Savings	Not Applicable
	On-Road Transportation	On-Road 1 - Alternative Fueled Transit Fleets
On-Road 2 – Encourage Use of Mass Transit		Not Applicable
On-Road 3 – Transportation Demand Management and Synchronization		Not Applicable
On-Road 4 – Expand Bike Routes		Not Applicable
On-Road 5 – Community Fleet Electrification		Not Applicable
Off-Road Equipment	Off-Road 1 – Electric Powered Construction Equipment	Will conform where applicable
	Off-Road 2 – Idling Ordinance	Will conform where applicable
	Off-Road 3 – Electric Landscaping Equipment	Will conform where applicable
Waste	Waste 1 – Methan Capture - Local	Applicable and Conforms
	Waste 2 – Waste Diversion and Reduction	Applicable and Conforms
Agriculture	Agriculture 3 – Methane Capture at Large Dairies	Will conform where applicable
Wastewater	Wastewater 1 – Methane Recovery at Wastewater Treatment Plants	Applicable and Conforms
	Wastewater 2 – Equipment Upgrades at Wastewater Treatment Plants	Applicable and Conforms
Water Conveyance	Water 1 – Require Tier 1 Voluntary CALGreen Standards for New Construction	Will conform where applicable

	Water 2 – Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
	Water 3 – Water Efficient Landscaping Practices	Will conform where applicable
GHG Performance Standard for New Development	PS1 - GHG Performance Standard for New Development (52% below projected BAU for new projects)	In conformance as this is a modification to the existing VVWRA WWTP facility. Further, the proposed VVBF Project would reduce annual GHG emissions regionally 1) at landfills by up to 54,000 MT of CO2e and 2) in reduced transport in the region by up to 2,260 MT of CO2e.

**Table 5-8 City of Victorville’s GHG Reduction Strategies**

<b>Measure</b>	<b>Measure Description</b>	<b>VVBF Project Conformity</b>
<b>State/County Measures</b>		
State-1	Renewable Portfolio Standard	Applicable and Conforms
State-2	Title 24 (Energy Efficiency Standard)	Will conform where applicable
State-3	AB 1109	Will conform where applicable
State-4	Solar Water Heating	Will conform where applicable
State-5	Industrial Boiler Efficiency	Will conform where applicable
State-6	Pavley Plus LCFS	Will conform where applicable
State-7	AB 32 Transportation Reduction Strategies	Will conform where applicable
State-8	LCFS: Off-Road	Will conform where applicable
State-9	AB 32 Methane Capture	Applicable and Conforms
County-1	San Bernardino County GHG Plan Landfill Controls	Applicable and Conforms
<b>Local Measures</b>		
<b>Building Energy</b>		
Energy-1	Energy Efficiency for Existing Buildings	Will conform where applicable
Energy-2	Outdoor Lighting	Will conform where applicable
Energy-3	Green Building Ordinance	Will conform where applicable
Energy-4	Solar Installation for New Housing	Not applicable
Energy-5	Solar installation for New Commercial	Will conform where applicable

<b>Measure</b>	<b>Measure Description</b>	<b>VVBF Project Conformity</b>
Energy-6	Solar Energy for Warehouse Space	Will conform where applicable
Energy-7	Solar Installation for Existing Housing	Not applicable
Energy-8	Solar Installation for Existing Commercial/Industrial	Will conform where applicable
Energy-9	C0-Generation Facilities	Applicable and Conforms
LandUse-1 (BE)	Tree Planting Programs	Will conform where applicable
LandUse-2 (BE)	Promote Rooftop Gardens	Not applicable
Wastewater-2 (BE)	Equipment Upgrades	Applicable and Conforms
Water-1 (BE)	Require Tier 1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
Water-2 (BE)	Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
Water-4 (BE)	Implement SB X7-7	Will conform where applicable
<b>On-Road Transportation</b>		
Transportation-1	Sustainable Communities Strategies	Will conform where applicable
<b>Off-Road Equipment</b>		
OffRoad-1	Electric Powered Construction Equipment	Will conform where applicable
OffRoad-1	Idling Ordinance	Will conform where applicable
OffRoad-1	Electric Landscaping Equipment	Will conform where applicable
<b>Solid Waste Management</b>		
Waste-2	Waste Diversion	Applicable and Conforms
<b>Wastewater Treatment</b>		
Wastewater-1	Methane Recovery	Applicable and Conforms
Water-1 (WT)	Require Tier-1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
Water-2 (WT)	Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
Water-4 (WT)	Implement SB X7-7	Will conform where applicable
<b>Water Conveyance</b>		
Water-1	Require Tier 1 Voluntary CALGreen Standards for New Construction	Will conform where applicable
Water-2	Renovate Existing Buildings to Achieve Higher Levels of Water Efficiency	Will conform where applicable
Water-3	Water-Efficient Landscaping Practices	Will conform where applicable

Measure	Measure Description	VVBF Project Conformity
Water-4	Implement SB X7-7	Will conform where applicable
Wastewater-3 (WC)	Recycle Water	Will conform where applicable
<b>GHG Performance Standard for New Development</b>		
PS-1	GHG Performance Standard for New Development	Will conform where applicable

As presented in **Table 5-7 and Table 5-8**, the VVBF Project will conform with the applicable SBCOG GHG emission reduction strategies for the City of Victorville and the City of Victorville’s own GHG Reduction Strategies.

### 5.3 Analysis of Air Quality and GHG CEQA Environmental Checklist Questions

#### 5.3.1 AQ-1: Conflict or Obstruction of Air Quality Plan

CEQA Guidelines Air Quality Environmental Checklist Question III-a) – Would the Project conflict with or obstruct implementation of the applicable air quality plan?

*Applicable MDAQMD Significance Criteria: presented in **Table 5-1**.*

##### 5.3.1.1 Consistency with the Air Quality Attainment Plan

Air quality impacts from VVWRA projects within City of Victorville are controlled through policies and provisions of the City of Victorville’s General Plan (City of Victorville, 2008) and MDAQMD’s Applicable State Implementation Plan and SBCOG and San Bernardino County Transportation Authority’s (SBCTA’s) 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy (SCAG, 2020). In order to demonstrate that a proposed project would not cause further air quality degradation in either the MDAQMD’s plan to improve air quality within the air basin or the federal requirements to meet certain air quality compliance goals, each project should also demonstrate consistency with the MDAQMD’s adopted air quality plans for O3 and PM10. The MDAQMD is required to submit a “Rate of Progress” document to CARB that demonstrates past and planned progress toward reaching attainment for all criteria pollutants. The California Clean Air Act requires air pollution control districts with severe or extreme air quality problems to provide for a 5-percent reduction in nonattainment emissions per year. MDAQMD’s adopted air quality plans for O3 and PM10 for the MDAB complies with this requirement. CARB reviews, approves, or amends the document and forwards the plan to the U.S. EPA for final review and approval within the SIP.

Air pollution sources associated with stationary sources are regulated through the permitting authority of the MDAQMD under Regulation II, List and Criteria Identifying Information Required of Applicants Seeking a Permit to Construct from the MDAQMD, and related rules (Rule 201 through Rule 222). Owners of any new or modified equipment that emits, reduces, or controls air contaminants, except those specifically exempted by the MDAQMD, are required to apply for an Authority to Construct and Permit to Operate (MDAQMD Rule 201 and Rule 203). Through this permitting mechanism that includes compliance with applicable rules and regulations, the MDAQMD would ensure that all stationary sources within the project area would be subject

to the standards of the MDAQMD to ensure that new developments do not result in net increases in stationary sources of criteria air pollutants.

State CEQA Guidelines and the federal Clean Air Act (Sections 176 and 316) contain specific references on the need to evaluate consistencies between the proposed Project and the applicable air quality attainment plans for the proposed Project site. To accomplish this, CARB has developed a three-step approach to determine project conformity with the applicable Air Quality Action Plan (AQAP):

1. *Determination that an AQAP is being implemented in the area where the project is being proposed.* The MDAQMD has implemented the current, modified SIP as approved by CARB.
2. *The proposed project must be consistent with the growth assumptions of the applicable AQAP/SIP.* The proposed Project land use type is in an existing industrial area and the proposed bioenergy project and solar fields operation is consistent with the existing VVWRA land uses. Therefore, growth assumptions in the City of Victorville General Plan will not need to be modified with the approval of the proposed Project.
3. *The project must contain in its design all reasonably available and feasible air quality control measures.* The proposed Project incorporates various policy and rule-required design features that will reduce related emissions.

The California Clean Air Act and AQAP identify transportation control measures as methods to further reduce emissions from mobile sources. Strategies identified to reduce vehicular emissions, such as reductions in vehicle trips, vehicle use, VMT, vehicle idling, and traffic congestion, can be implemented as control measures under the California Clean Air Act in order to reduce vehicular emissions as well.

As the continuance of existing operations represented by the proposed Project, and any future growth that may or may not result, is already included in the City of Victorville General Plan (2008) and the AQAP, conclusions may be drawn from the following criteria:

4. That, by definition, the anticipated emissions from the proposed VVBF Project are below the MDAQMD's established emission impact thresholds.
5. That the primary source of emissions from the proposed Project will be production of biogas from existing organics waste streams currently being sent to landfills as well as motor vehicles that are licensed through the State of California and whose emissions are already incorporated into CARB's Emissions Inventory for MDAB.

Based on these factors, the proposed VVBF Project is *consistent with the AQAP/SIP*.

### 5.3.2 AQ-2: Cumulative Impacts

CEQA Guidelines Air Quality Environmental Checklist Question III-b) – Would the Project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state AAQS?

*Applicable MDAQMD Significance Criteria: presented in **Table 5-1**.*

By its very nature, air pollution has a cumulative impact. MDAQMD's nonattainment status is a result of past and present development within the MDAB. Furthermore, attainment of AAQS can be jeopardized by increasing emissions-generating activities in the region. No single project would be sufficient in size, by itself, to result in nonattainment of the regional air quality standards. Instead, a project's emissions may be

individually limited, but cumulatively considerable when taken in combination with past, present, and future development within the MDAB. When assessing whether there is a new significant cumulative effect, the lead agency shall consider whether the incremental effects of a proposed project are cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects (CCR Section 15064(h)(1)). Per CEQA Guidelines Section 15064(h)(3), a lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program, including, but not limited to, an air quality attainment or maintenance plan that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located. The MDAQMD has established thresholds for individual projects and if the project's emissions are below established thresholds, then the project is considered to be in compliance with the AQMP and the project's cumulative impacts are found to be less than cumulatively considerable.

As shown in Error! Reference source not found. through Error! Reference source not found. above, the proposed Project's estimated construction and operations emissions are below established MDAQMD thresholds. Further, the proposed VVBF Project is designed to redirect existing organics waste streams currently being disposed of in landfills and would redirect air emissions from regional landfills to the proposed Project site for the purpose of generating gas for injection into the Southwest Gas pipeline. For these reasons, the proposed Project's potential impacts would not be cumulatively considerable, and the potential cumulative impact would be less than significant.

### 5.3.3 AQ-3: Sensitive Receptors

CEQA Guidelines Air Quality Environmental Checklist Question III-c) – Would the Project expose receptors to substantial pollutant concentrations?

*Applicable MDAQMD Significance Criteria: presented in **Table 5-1.***

As explained in **Section 5.2.3** above, all sensitive receptors are more than 1,000 feet from the proposed Project site. For these reasons, the potential impact to sensitive receptors would be less than significant.

### 5.3.4 GHG-1: GHG Emissions Analysis

CEQA Guidelines GHG Environmental Checklist Question VIII-a) – Would the proposed Project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?

*Applicable MDAQMD Significance Criteria: presented in **Table 5-1.***

CEQA Guidelines GHG Environmental Checklist Question VIII-b) – Would the proposed Project conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of GHGs?

*Applicable CARB and San Bernardino County Regional GHG Reduction Plans (2021)*

New GHG emissions sources that would be introduced by the proposed Project, described previously in **Section 5.2**, have been quantified for the proposed Project for informational purposes. Error! Reference source not found. above presents the construction and operations GHG emissions from stationary sources,

mobile sources, and indirect electricity for the proposed Project. Although not yet formally part of the statewide Cap-and-Trade Program, since the VVBF project is not yet built and operating, it is possible the stationary source and electricity emissions would be covered under that program in the future. As shown in Error! Reference source not found., the proposed Project's annual GHG emissions would be approximately 92,722.01 MT CO<sub>2</sub>e/year. It is important to note that the majority of these GHG emissions are from the proposed VVBF's Project's stationary source equipment and would likely be captured under CARB's Cap-and-Trade Program.

#### ***5.3.4.1 State and Local Efforts to Reduce GHGs and Combat Global Warming***

For the last two decades, as part of its efforts to reduce local air pollution, MDAQMD, the City of Victorville, and San Bernardino County have promoted a number of programs to combat climate change, including increasing energy conservation, increasing low-carbon fuel technologies (natural gas vehicles; electric-hybrids, hydraulic-hybrids, and battery-electric vehicles), increasing renewable energy, reducing VMT, and market incentive programs.

CARB GHG emission reductions goals would be achieved through the regulatory process of the air district and CARB as required changes to diesel engines, which would affect the product delivery trucks and limits on idling, are implemented. The strategies currently being implemented by CARB may help in reducing the proposed Project's GHG emissions and are summarized in Error! Not a valid bookmark self-reference. above.

As presented in **Table 5-7** and **Table 5-8**, the VVBF Project will conform with the applicable SBCOG and City of Victorville GHG emission reduction strategies for the City of Victorville. The purpose of the proposed Project is to support the diversion of organic waste streams from landfill disposal in alignment with SB 1383, generate renewable natural gas from these waste streams and thus reduce regional GHG emissions.

Not all of these measures are currently appropriate or applicable to the proposed Project. While future legislation could further reduce the Project's GHG footprint, the analysis of this is speculative and in accordance with CEQA Guidelines Section 15145, will not be further evaluated in this air quality technical report. CEQA Guidelines Section 15130 notes that sometimes the only feasible mitigation for cumulative impacts may involve the adoption of ordinances or regulations rather than the imposition of conditions on a project-by-project basis. Global climate change is this type of issue. The causes and effects may not be just regional or statewide, they may also be worldwide. Given the uncertainties in identifying, let alone quantifying the impact of any single project on global warming and climate change, and the efforts made to reduce emissions of GHGs from the Project through design, in accordance with CEQA Section 15130, any further feasible emissions reductions would be accomplished through CARB regulations adopted pursuant to AB32.

The analysis of GHG emissions is a different analysis than for criteria pollutants for the following reasons. For criteria pollutant, significance thresholds are based on daily emissions because attainment or non-attainment is primarily based on daily exceedances of applicable AAQS. Further, several AAQS are based on relatively short-term exposure effects to human health (one-hour and eight-hour standards), whereas the half-life of CO<sub>2</sub> is approximately 100 years, and as such the effects of GHGs occur over a longer timeframe than a single day. GHG emissions are typically considered to be cumulative impacts because they contribute to global climate change (versus local impacts). However, each project resulting in an emissions increase would contribute to the cumulative impact that emissions occurring planet-wide have on global climate change. Thus, determination of whether the Project contribution is cumulatively considerable is required to evaluate this impact.

There are many requirements for sources to reduce GHG emissions and most originate from the AB32 Scoping Plan and associated programs administered by CARB. The Scoping Plan is the State's blueprint for how GHG

reductions will be achieved. Local jurisdictions may have requirements as well, but the overall effort is centralized with CARB. Therefore, this impact evaluates whether the Project may conflict with the SBCOG GHG emission reduction strategies for the City of Victorville.

In the past 15 years, several new laws and executive orders were adopted that require additional reductions in years after 2020. For instance, Senate Bill 32 (Lara, 2016) requires that GHG emissions be 40% less than 1990 levels by 2030. More drastic still, Senate Bill 100 (de Leon, 2018) which was signed by the Governor recently requires 100% zero-carbon electricity by 2045. On the day SB 100 was signed into law, the Governor also signed Executive Order B-55-18 which commits California to total, economy-wide carbon neutrality by 2045. Clearly, the 2008 Guidance may be somewhat inadequate in producing a meaningful comparison by today's standards which propose a grand vision that, if achieved, would fundamentally change how business is conducted and citizens live in the State. Thus, as discussed in the most recent updates to the Scoping Plan, objectives of the Scoping Plan affect entire sectors of the economy and it no longer makes sense to evaluate GHG emissions on a project-level. For these reasons, the proposed VVBF Project GHG emissions levels presented in Error! Reference source not found. are primarily for disclosure purposes.

In summary, the proposed Project would generate GHGs from electricity use and combustion of gasoline/diesel fuels, each of which is regulated near the top of the supply-chain. As such, each citizen of California (including the operator of the proposed Project) will have no choice but to purchase electricity and fuels produced in a way that is acceptable to the California market. Thus, proposed Project GHG emissions will be consistent with the relevant plan (i.e., AB 32 Scoping Plan). The proposed Project would meet its fair share of the cost to mitigate the cumulative impact of global climate change because the proposed VVBF Project would be purchasing energy from the California market as well as producing renewable natural gas. Thus, the proposed Project would have a less than significant impact on the environment and on applicable GHG reduction plans. Therefore, the Project's contribution to cumulative global climate change impacts would *not be cumulatively considerable*.

## 6. SUMMARY OF SIGNIFICANCE FINDINGS

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The proposed VVBF Project would be expected to have short-term air quality impacts due to facility construction activities as well as vehicular emissions. Impacts from both of these sources would be *less than significant*.

The proposed VVBF Project would be expected to result in long-term air quality impacts due to operational and related mobile source emissions. These impacts would be *less than significant*.

The proposed Project, in conjunction with other past, present, and foreseeable future projects, would result in cumulative short-term and long-term impacts to air quality. The proposed Project's incremental contribution to these impacts would be below thresholds of significance and would not be considered cumulatively considerable. Therefore, the proposed Project's contribution to cumulative impacts *would be less than significant*.

The proposed Project, in conjunction with other past, present, and foreseeable future projects, would result in cumulative long-term impacts to global climate change. The proposed Project's incremental contribution to these GHG impacts would be mitigated to the extent feasible and are considered *less than significant*. Therefore, the Project's contribution to cumulative global climate change impacts would *not be cumulatively considerable*.

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## **APPENDIX A. PROJECT CONSTRUCTION EMISSIONS**

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### Total Construction Emissions

Category	VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Max Daily Emissions (lb/day)	1.35	11.66	12.77	0.03	1.07	0.54				
Annual Emissions (tons/year)	0.25	2.13	2.31	0.00	0.11	0.09				
Annual Emissions (MT/year) <sup>2</sup>							452.042	0.017	0.001	452.69

### Construction Equipment Emissions

Category	VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	CO2e
Daily Emissions (lb/day) <sup>1,2</sup>	1.34	11.60	11.98	0.03	0.52	0.48			
Annual Emissions (tons/year) <sup>1</sup>	0.24	2.12	2.19	0.00	0.09	0.09			
Annual Emissions (MT/year) <sup>2</sup>							418.96	0.02	419.38

1. Based on total construction time of 1097 days or 4 years (4/1/2026-4/2/2029).

2. Global warming potential (GWP) of 25 used for CH4.

### Construction Dust from Material Movement

Category	PM10	PM2.5
Daily Emissions (lb/day) <sup>1</sup>	0.55	0.06
Annual Emissions (tons/year) <sup>1</sup>	0.02	0.00

1. Controlled emissions based on watering 3 times per day.

### Construction Mobile Emissions

Category	VOC	NOx	CO	SO2	PM10	PM2.5	CO2	CH4	N2O	CO2e
Daily Emissions (lb/day) <sup>1,2</sup>	0.01	0.06	0.79	0.002	0.001	0.001				
Annual Emissions (tons/year) <sup>1</sup>	0.002	0.01	0.12	0.0004	0.0002	0.0002				
Annual Emissions (MT/year) <sup>2</sup>							33.08	0.00	0.00	33.31

## **APPENDIX B. PROJECT CRITERIA POLLUTANT EMISSIONS**

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**EMISSION CALCULATIONS - CEQA AIR QUALITY IMPACT ANALYSIS**

VVWRA (VVBF)  
 20111 Shay Road  
 Victorville, CA 92394

**TABLE-ES1. SUMMARY OF CRITERIA POLLUTANTS - MAXIMUM CONDITIONS**

Emission Sources	Criteria Pollutants (TPY)					Criteria Pollutants (lb/day)				
	NOx	VOC	CO	PM10/PM2.5	SOx	NOx	VOC	CO	PM10/PM2.5	SOx
<b>Combustion Sources</b>										
Biosolids Dryer Burner #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Burner #2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Burner #3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Burner #4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Digestate Dryer Burner #1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Digestate Dryer Burner #2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Flare #1	0.63	0.02	0.26	0.00	0.37	23.04	0.66	9.60	0.00	13.48
Flare #2	0.63	0.02	0.26	0.00	0.37	23.04	0.66	9.60	0.00	13.48
Flare #3	0.63	0.02	0.26	0.00	0.37	7.68	0.22	3.20	0.00	4.49
Thermal Oil Burner	2.93	0.65	9.92	0.90	0.07	32.08	7.12	108.71	9.84	0.78
Thermal Oxidizer	6.03	2.81	8.04	2.81	2.57	3.89	18.14	51.84	18.14	16.54
Pyrolizer - Rotary Kiln Burner	2.71	0.40	6.13	0.55	0.04	17.50	2.59	39.53	3.58	0.28
Hot Water Boiler	0.53	0.12	1.80	0.16	0.01	5.83	1.29	19.76	1.79	0.14
<b>Foul Air Sources</b>										
WF Receiving Bin #1	0.00	0.16	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00
WF Receiving Bin #2	0.00	0.16	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00
Liquid Reception Tank #1	0.00	0.03	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
Liquid Reception Tank #2	0.00	0.03	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
Liquid Reception Tank #3	0.00	0.03	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
Liquid Reception Tank #4	0.00	0.03	0.00	0.00	0.00	0.00	0.23	0.00	0.00	0.00
Biosolids Receiving Bin	0.00	0.03	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00
Digestate Buffer Tank	0.00	0.05	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00
Filtrate Buffer Tank	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Foul Air	0.00	8.22	0.00	1.18	0.00	0.00	53.01	0.00	7.60	0.00

**EMISSION CALCULATIONS - CEQA AIR QUALITY IMPACT ANALYSIS**

VVWRA (VVBF)  
 20111 Shay Road  
 Victorville, CA 92394

**TABLE-ES1. SUMMARY OF CRITERIA POLLUTANTS - MAXIMUM CONDITIONS**

Emission Sources	Criteria Pollutants (TPY)					Criteria Pollutants (lb/day)				
	NOx	VOC	CO	PM10/PM2.5	SOx	NOx	VOC	CO	PM10/PM2.5	SOx
Digestate Dryer Foul Air	0.00	4.11	0.00	0.59	0.00	0.00	26.50	0.00	3.80	0.00
Tail gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Rotary Kiln Sparger Vessel/Activated Carbon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Dust Sources</b>										
Biosolids Storage Silo	0.00	0.00	0.00	0.98	0.00	0.00	0.00	0.00	3.15	0.00
Biochar Storage	0.00	0.00	0.00	0.44	0.00	0.00	0.00	0.00	1.42	0.00
<b>Miscellaneous Sources</b>										
WWTP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Cooling Tower	0.00	0.00	0.00	2.04	0.00	0.00	0.00	0.00	13.13	0.00
<b>TOTAL FACILITY EMISSIONS</b>	<b>14.1</b>	<b>16.9</b>	<b>26.7</b>	<b>9.7</b>	<b>3.8</b>	<b>113.1</b>	<b>113.7</b>	<b>242.2</b>	<b>62.4</b>	<b>49.2</b>
<b>MDAQMD CEQA THRESHOLDS</b>	<b>25</b>	<b>25</b>	<b>100</b>	<b>15</b>	<b>25</b>	<b>137</b>	<b>137</b>	<b>548</b>	<b>82</b>	<b>137</b>
<b>EXCEED? YES/NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>	<b>NO</b>

**OPERATING SCENARIO - MAXIMUM CONDITIONS**

- 80 MMBTU/hr of gas burned in the flares (flares operating at 2/3 capacity)
- 100% of CHP engines are operational, and will vent directly to atmosphere with no VOC destruction in the RTO.
- 27 MMBTU/hr of pyrolysis gas will be flared (Flare #4)
- Pyrolysis burner operates at 100% load on natural gas.
- Both dryer burners operate at 100% load on natural gas.
- RTO burner operates at 100% load on natural gas.
- Assume foul air vented to activated carbon bed 100% of operating time.

## Mobile Sources

### Total Mobile Emissions

Category	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
	tons/year						MT/year			
Inbound Trucks	0.014	1.383	0.065	0.019	0.023	0.022	1,836.26	0.001	0.289	1,922.48
Outbound Trucks	0.002	0.179	0.008	0.002	0.003	0.003	237.22	0.000	0.037	248.36
Employee Trips	0.005	0.027	0.338	0.001	0.000	0.000	91.07	0.001	0.002	91.70
<b>Total</b>	<b>0.021</b>	<b>1.588</b>	<b>0.411</b>	<b>0.023</b>	<b>0.027</b>	<b>0.025</b>	<b>2,164.55</b>	<b>0.002</b>	<b>0.329</b>	<b>2,262.55</b>

**Max Pounds/Day**      **0.131**      **10.156**      **2.319**      **0.144**      **0.170**      **0.163**

### Inbound Trucks

Material	Trips per Year	Distance (miles)	Vehicle Miles Traveled
Organics (solids)	8,580	30	514,800
Liquid Waste	2860	30	171,600
Biosolids	7800	30	468,000

Category	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Emission Factor (g/mile) <sup>1</sup>	1.10E-02	1.09E+00	5.08E-02	1.51E-02	1.82E-02	1.74E-02	1.59E+03	5.09E-04	2.51E-01	
Emission Factor (lb/mile)	2.42E-05	2.40E-03	1.12E-04	3.32E-05	4.01E-05	3.84E-05				
Annual Emissions (tons/year)	0.014	1.38	0.06	0.019	0.023	0.022				
Annual Emissions (MT/year)							1,836.26	5.88E-04	0.29	1,922.48

1. EMFAC2021 T7 Single Other Class 8 emission factors for 2026 calendar year, San Bernardino County.

### Outbound Trucks

Material	Trips per Year	Distance (miles)	Vehicle Miles Traveled
Rejects and Grits	1,560	12	36,816
Digestate and Dried solids	936	30	56,160
Biochar	936	30	56,160

Category	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Emission Factor (g/mile) <sup>1</sup>	1.10E-02	1.09E+00	5.08E-02	1.51E-02	1.82E-02	1.74E-02	1.59E+03	5.09E-04	2.51E-01	
Emission Factor (lb/mile)	2.42E-05	2.40E-03	1.12E-04	3.32E-05	4.01E-05	3.84E-05				
Annual Emissions (tons/year)	0.002	0.18	0.01	0.002	0.003	0.003				
Annual Emissions (MT/year)							237.22	7.60E-05	0.04	248.36

1. EMFAC2021 T7 Single Other Class 8 emission factors for 2026 calendar year, San Bernardino County.

**Employees**

Category	Trips per Year	Distance (miles)	Vehicle Miles Traveled
Employee Trips	30	13	293,022

Category	VOC	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Emission Factor (g/mile) <sup>1</sup>	1.68E-02	8.41E-02	1.05E+00	3.07E-03	1.46E-03	1.34E-03	3.11E+02	4.02E-03	6.97E-03	
Emission Factor (lb/mile)	3.70E-05	1.85E-04	2.31E-03	6.77E-06	3.21E-06	2.95E-06				
Annual Emissions (tons/year)	0.005	0.03	0.34	0.001	0.000	0.000				
Annual Emissions (MT/year)							91.07	1.18E-03	0.002	91.70

1. Average EMFAC2021 T6 CAIRP Class 7, T6 Instate Delivery Class 6, and T6 Instate Other Class 7 emission factors for 2026 calendar year, San Bernardino County.

## Mobile Trips

### Truck Trip Data

Category	Inbound or Outbound	Tons/Day	Trucks/Day	Ton/Truck	Days/Week	Days/Year	Trucks/Year	Trip <sup>1</sup> Distance
Organics (solids)	In	700	30	23	5.5	286	8,580	30
Liquid Waste	In	200	10	20	5.5	286	2,860	30
Biosolids	In	550	25	22	6	312	7,800	30
Rejects	Out	110	5	22	6	312	1,560	12
Dried Solids	Out	65	3	22	6	312	936	30
Biochar	Out	75	3	25	6	312	936	30

1. Trip distance within MDAQMD jurisdiction.

### Employees

Daily Round Trips	One Way Trip <sup>1</sup> Length	Daily VMT	Days/Year	Annual VMT
30	13.38	803	365	293,022

1. CalEEMod Version 2022.1, Appendix G, Table G-15, California Statewide Travel Demand Model Trip Lengths and Purpose Splits by Trip Type

## Area Sources

- Standard area sources include woodstoves, fireplaces, consumer products, architectural coatings, and landscape equipment. VVBF will not have woodstoves or fireplaces, and landscape equipment is not expected either. Consumer products and architectural coatings applies to new buildings. VVBF will have an office which is expected to be modular and assembled onsite. There would not be any new buildings constructed or coated onsite anticipated as part of the VVBF Project.

	SBEN	Parking	1/1/1900	12/31/3000	150	R426	1/1/1900
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CalEEMod Version 2020.4.0

D-278

May 2021

## Appendix D: Default Data Tables

Table 6.1 Architectural Coating Emission Factors

Name	EMFAC_ID	CoatingType	Start Date	End Date	ROG, g/L	Rule Name	Amended Date
San Bernardino-Mojave Desert	SBERNMD	Nonresidential Exterior	1/1/1900	12/31/3000	250	Default	NULL
	SBERNMD	Nonresidential Interior	1/1/1900	12/31/3000	250	Default	NULL
	SBERNMD	Parking	1/1/1900	12/31/3000	250	Default	NULL
	SBERNMD	Residential Exterior	1/1/1900	12/31/3000	250	Default	NULL
	SBERNMD	Residential Interior	1/1/1900	12/31/3000	250	Default	NULL

## **APPENDIX C. PROJECT GHG EMISSIONS**

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**EMISSION CALCULATIONS - CEQA AIR QUALITY IMPACT ANALYSIS**

VVWRA (VVBF)  
 20111 Shay Road  
 Victorville, CA 92394

**TABLE-ES2. SUMMARY OF GHGs, H2S and NH3 - MAXIMUM CONDITIONS**

Emission Sources	GHGs, H2S and NH3 (TPY)				
	CO2	CH4	N2O	H2S	NH3
<b>Combustion Emissions</b>					
Biosolids Dryer Burner #1	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Burner #2	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Burner #3	0.00	0.00	0.00	0.00	0.00
Biosolids Dryer Burner #4	0.00	0.00	0.00	0.00	0.00
Digestate Dryer Burner #1	0.00	0.00	0.00	0.00	0.00
Digestate Dryer Burner #2	0.00	0.00	0.00	0.00	0.00
Flare #1	3016.80	0.19	0.04	0.00	0.00
Flare #2	3016.80	0.19	0.04	0.00	0.00
Flare #3	3016.80	0.19	0.04	0.00	0.00
Thermal Oil Burner	23952.82	0.45	0.05	0.00	0.00
Thermal Oxidizer	20127.85	0.00	0.00	0.00	0.00
Pyrolizer - Rotary Kiln Burner	8710.12	0.16	0.02	0.00	0.00
Hot Water Boiler	2561.80	0.05	0.00	0.00	0.00
<b>Foul Air</b>					
WF Receiving Bin #1	0.00	0.00	0.00	0.15	0.01
WF Receiving Bin #2	0.00	0.00	0.00	0.15	0.01
Liquid Reception Tank #1	0.00	0.00	0.00	0.05	0.00
Liquid Reception Tank #2	0.00	0.00	0.00	0.05	0.00
Liquid Reception Tank #3	0.00	0.00	0.00	0.05	0.00
Liquid Reception Tank #4	0.00	0.00	0.00	0.05	0.00
Biosolids Receiving Bin	0.00	0.00	0.00	0.26	0.00
Digestate Buffer Tank	0.00	0.00	0.00	0.42	1.12
Filtrate Buffer Tank	0.00	0.00	0.00	0.31	0.50
Biosolids Dryer Foul Air	0.00	0.00	0.00	2.37	3.25
Digestate Dryer Foul Air	0.00	0.00	0.00	1.18	1.62
Tail gas	27650.02	0.00	0.00	0.09	0.00
Rotary Kiln Emergency Gas	0.00	0.00	0.00	0.00	0.00
<b>Biosolid Pellet/Char Loading</b>					
Biosolids Storage Silo	0.00	0.00	0.00	0.00	0.00
Biochar Storage	0.00	0.00	0.00	0.00	0.00
<b>Cooling and Waste Water</b>					
WWTP	0.00	0.00	0.00	0.00	0.00
Cooling Tower	0.00	0.00	0.00	0.00	0.00
<b>TOTAL EMISSIONS (TPY)</b>	<b>92053.0</b>	<b>1.2</b>	<b>0.2</b>	<b>5.1</b>	<b>6.5</b>
<b>TOTAL CO2e EMISSIONS (MT/YR)</b>	<b>83509.1</b>	<b>27.7</b>	<b>47.5</b>	<b>N/A</b>	<b>N/A</b>

MDAQMD Theshold (short tons) 100,000

**OPERATING SCENARIO - MAXIMUM CONDITIONS**

- 80 MMBTU/hr of gas burned in the flares (flares operating at 2/3 capacity)
- 100% of CHP engines are operational, and will vent directly to atmosphere with no VOC destruction in the RTO.
- 27 MMBTU/hr of pyrolysis gas will be flared (Flare #4)
- Pyrolysis burner operates at 100% load on natural gas.
- Both dryer burners operate at 100% load on natural gas.
- RTO burner operates at 100% load on natural gas.
- Assume foul air vented to activated carbon bed 100% of operating time.

## Energy Sources

### Total Emissions

Category	CO2	CH4	N2O	CO2e	CO2	CH4	N2O	CO2e
	lb/day				MT/year			
Electricity	41,285.95	3.94	0.48	41,526.49	6,835.27	0.65	0.08	6,875.10

### Electricity

43,528,440

### Electricity Usage

Daily Average (kW)	Daily Peak (kW)	Daily Average (kWh)	Daily Peak (kWh)	Annual (kWh)	Annual (MWh)
4,969	6,084	119,256	146,016	43,527,931	43,528

### Electricity Emission Factors<sup>1</sup>

CO2 (lb/MWh)	CH4 (lb/MWh)	N2O (lb/MWh)
346.196	0.033	0.004

1. GHG emission factors for Southern California Edison (SCE) for 2026-2029 from CalEEMod 2022.1 Appendix G, Table G-3 *Electric Utility Greenhouse Gas Emission Factors*

### Electricity Emissions

CO2 (lb/day)	CH4 (lb/day)	N2O (lb/day)	CO2e <sup>1</sup> (lb/day)	CO2 (MT/year)	CH4 (MT/year)	N2O (MT/year)	CO2e <sup>1</sup> (MT/year)
41,285.95	3.94	0.48	41,526.49	6,835.27	0.65	0.08	6,875.10

1. Based on EPA 40 CFR Part 98 global warming potentials (GWPs).

Water Usage (TPY)	Million Gallons/year	CalEEMod App D Table 9.2 (kWh/mill galls)	kWh Usage from Annual Water Usage
159,260.0	42.8476	9,727.00	416,778.89

Wastewater Generation	Million Gallons/year	CalEEMod App D Table 9.2 (kWh/mill galls)	kWh Usage from Annual Wastewater
482,100	129.7051	1,911.0000	247,866.54

### Water Usage Electricity GHGs

CO2 (MT/year)	CH4 (MT/year)	N2O (MT/year)	CO2e <sup>1</sup> (MT/year)
65.43	0.0062	0.0008	65.82

### Wastewater Generation Electricity GHGs

CO2 (MT/year)	CH4 (MT/year)	N2O (MT/year)	CO2e <sup>1</sup> (MT/year)
38.92	0.0037	0.0004	39.14

**APPENDIX 2**

**BIOLOGICAL RESOURCES TECHNICAL REPORT**



February 15, 2023  
(2023-024)

Valerie Rosenkrantz  
Managing Consultant  
Trinity Consultants, Inc.  
12700 Park Central Drive, Suite 2100  
Dallas, TX 75251  
Via e-mail to: [vrosenkrantz@trinityconsultants.com](mailto:vrosenkrantz@trinityconsultants.com)

**Subject: Results of a Biological Resource Assessment conducted for the Victor Valley Bioenergy Facility Project, in Victorville, California**

Dear Ms. Rosenkrantz,

This letter report presents the results of a biological resource assessment conducted by ECORP Consulting, Inc. (ECORP) at the request of Trinity Consultants for the Victor Valley Bioenergy Facility (VVBF) Project (Project) in Victorville, San Bernardino County, California. The literature review and biological resource assessment of the Project site was conducted to identify biological resources that could be affected by the proposed Project for the purposes of identifying any potential biological constraints to the Project. The Project would be subject to county, state, and federal regulations regarding compliance with the federal Endangered Species Act (ESA), California ESA, Migratory Bird Treaty Act (MBTA), and California Fish and Game Code. Included in this letter report is a site description, description of the methods used to conduct the biological resource assessment survey, and a discussion of the survey results.

#### Project Description and Location

The proposed VVBF Project consists of the redevelopment of an approximately 20-acre portion located on the Victor Valley Waste Reclamation Authority (VWRA) property. The redevelopment would include alternative energy uses including solar and biosolids. The proposed Project would fill in some of the existing wastewater treatment beds within the developed areas of the VWRA facility. The VVBF Project is located in the City of Victorville at the north end of Shay Road, north of the American Organics facility, west of the Mojave River, east of the High Desert Solar Project (HDSP) facility, and northeast of the Southern California Logistics Airport (Attachment A). The Project site is located within two U.S. Geological Survey (USGS) 7.5-minute topographic quadrangles, Helendale and Victorville, in Sections 12 and 13, of Township 6 North and Range 5 West. For the purpose of this report, the Project site refers to the approximately 20-acre portion of the VWRA property that will be redeveloped for the VVBF Project. A copy of the current Project site plans is included in Attachment B.

## Methods

### *Literature Review*

Prior to conducting the biological resource survey, ECORP biologists performed a literature review using the CDFW's California Natural Diversity Data Base (CNDDDB; CDFW 2022a), the California Native Plant Society's (CNPS) Electronic Inventory (CNPSEI; CNPS 2022), the United States Fish and Wildlife Services Species Occurrence data (USFWS; USFWS 2022a), and USFWS Critical Habitat for Threatened and Endangered Species (USFWS 2022b) to determine the special-status plant and wildlife species that have been documented near the Project site. ECORP biologists searched CNDDDB, CNPSEI, and USFWS records within the Project site boundaries and five miles surrounding the Project site. The CNDDDB, CNPSEI, and USFWS contain records of reported occurrences of federally and/or state-listed endangered, threatened, candidate endangered or threatened species, California Species of Special Concern (SSC), and/or other special-status species or habitat that may occur within or near the Project site. In addition to the database searches, biological resource data documented for the nearby HDSP was reviewed. A portion of the HDSP generation-tie line (gen-tie) is located along the western border of the fenced VVWRA facility, adjacent to the Project site. Using the database searches, nearby Project data, and observations in the field, a list of special-status plant and wildlife species that have potential to occur on or near the Project site was generated.

### *Biological Resource Assessment*

The biological resource assessment survey was conducted by walking and driving the Project site plus a 500-foot buffer surrounding the Project site to determine the vegetation communities and wildlife habitats in the Project site. The biologist documented the plant and wildlife species present on the Project site, and the location and condition of the Project site were assessed for the potential to provide habitat for special-status plant and wildlife species. Data were recorded on a Global Positioning System (GPS) unit, field notebooks, and/or maps. Photographs were also taken during the biological resource survey to provide visual representation of the Project site's conditions (Attachment C).

Plant and wildlife species, including any special-status species that were observed during the biological resource survey were recorded. In instances where a special-status species was observed, the date, species, location and habitat, and GPS coordinates were recorded. The locations of special-status species observations were recorded using ArcGIS™ Field Maps on a device (smartphone or tablet) and additional information on the observation was recorded in the biologist's field notes.

### *Jurisdictional Drainages*

A desktop review was conducted to identify potential streams and hydric soils on the Project site. This entailed examination of the NRCS Soil Mapper (2022), National Wetland Inventory (NWI) mapping, the aquatic resources delineation data documented for the HDSP gen-tie, and the USGS topographic mapping of the Project site to aid in identifying potential biological constraints to the Proposed Project due to jurisdictional streams. The desktop review included a review of aerial

photographs to identify boundaries of potential Waters of the U.S. and Waters of the State. During the site visit, standard field methods were used including identification of water sources and examination of topography. During the field visit, mapped jurisdictional drainages were observed and verified where practical.

## Results

### *Literature Review*

The literature review and database searches identified 13 special-status plant species and 21 special-status wildlife species that have potential to occur on or near the Project site. A list was generated from the results of the literature review and database searches and the Project site was evaluated for suitable habitat that could support any of the special-status plant or wildlife species on the list. Several special-status species have been documented in the vicinity of the Project site, including desert tortoise (*Gopherus agassizii*), burrowing owl (*Athene cunicularia*), Mohave ground squirrel (*Xerospermophilus mohavensis*), and desert kit fox (*Vulpes macrotis*). A review of the USFWS Critical Habitat for Threatened and Endangered Species (USFWS 2022b) determined that a portion of the 500-foot survey buffer around the Project is located within the Mojave Management Unit of designated critical habitat for southwestern willow flycatcher (*Empidonax traillii extimus*), also where the survey buffer overlaps with the Mojave River (USFWS 2013). Although no large flycatcher nesting populations have been identified within the Mojave Management Unit, this critical habitat unit is determined to be essential to southwestern willow flycatcher conservation because it is anticipated to provide habitat for metapopulation stability, gene connectivity, protection against catastrophic population loss, and population growth and colonization potential (USFWS 2013).

### *Biological Resource Assessment*

The biological resource assessment survey was conducted on December 15, 2022, by ECORP wildlife biologist, Alden Lovaas. Ms. Lovaas has four years of experience conducting surveys and habitat assessments for special-status plant and wildlife species in San Bernardino County. Additionally, she worked on the nearby HDSP as one of the primary biologists and has extensive experience with the biological resources surrounding the Project site. Summarized below are the results of the biological resource survey, including site characteristics, plant communities, wildlife, special-status species, and special-status habitats (including any potential wildlife corridors).

### *Property Characteristics*

The Project site is located on the existing VVWRA facility and consists of disturbed and developed land. The Project site contains dirt access roads and eight existing wastewater treatment beds (in various stages of treatment). Small patches of non-native vegetation are present throughout the proposed Project site, primarily growing along the access roads and slopes of the wastewater treatment beds. However, these areas of vegetation do not comprise a vegetation community, nor do they provide ample habitat for native wildlife or plant species. The VVWRA facility is surrounded

by a chain-link fence and old, degraded desert tortoise fencing is present along portions of the northern and western fence lines. The existing tortoise fencing is deteriorated and no longer tortoise-proof in areas where it is buried or erosion has undermined the integrity of the fence. Outside of the fenced VVWRA facility, undeveloped desert scrub is present to the north and west, and riparian woodland in the Mojave River is present to the east. Directly adjacent to the Project site, within the survey buffer, concrete lined U-shaped ditches are present throughout the upland areas. These concrete lined ditches are likely a stormwater conveyance system, built to direct flow around the wastewater treatment beds and into the Mojave River. The greater area surrounding the Project site contains existing development to the south, southwest, and west. The existing development consists of the American Organics facility and additional VVWRA ponds to the south, the Southern California Logistics Airport to the southwest, and the HDSP gen-tie and facility to the west.

The Project site is primarily developed and contains no native vegetation communities; however, the southern portion of the Project site, along the southern access road, supports creosote bush scrub and Atriplex scrub communities. The terrain in the areas surrounding the Project site is variable and contains hills and washes, consisting of sandy loam soils. Three vegetation communities were identified within the 500-foot buffer surrounding the Project site: creosote bush scrub, Atriplex scrub, and riparian woodland. The plant species observed on the Project site were typical of the Mojave Desert and Mojave River and included creosote bush (*Larrea tridentata*), Allscale (*Atriplex polycarpa*), fourwing saltbush (*Atriplex canescens*), white bursage (*Ambrosia dumosa*), Rubber rabbitbrush (*Ericameria nauseosa*), Fremont's cottonwood (*Populus fremontii*), red willow (*Salix laevigata*), mulefat (*Baccharis salicifolia*), California bulrush (*Schoenoplectus californicus*), and cattails (*Typha* sp.).

The wildlife observed on the Project site were typical of the habitat present. Wildlife species observed during the biological resource survey included American coot (*Fulica americana*), black phoebe (*Sayornis nigricans*), common raven (*Corvus corax*), domestic dog (*Canis lupus familiaris*), European starling (*Sturnus vulgaris*), killdeer (*Charadrius vociferus*), mourning dove (*Zenaida macroura*), red-tailed hawk (*Buteo jamaicensis*), Say's phoebe (*Sayornis saya*), white-crowned sparrow (*Zonotrichia leucophrys*), and yellow-rumped warbler (*Setophaga coronata*).

#### *Special-Status Plants Species*

There were 13 special-status plant species that appeared in the literature review and database searches for the Project site. Since the Project site is primarily developed and highly disturbed, many of the special-status plant species identified in the literature were presumed absent from the project site. However, one special-status plant species, western Joshua tree (*Yucca brevifolia*), was observed within the buffer of the Project site. A brief natural history and discussion of Joshua tree can be found below:

Western Joshua Tree. Western Joshua tree is a Candidate for listing under the California Endangered Species Act (CESA) and is also protected by the City of Victorville Joshua Tree Ordinance (Ordinance Number 1224; Municipal Code Chapter 13.33). The Joshua tree is a tree-like monocot that is endemic to the Mojave Desert and is found in chaparral, Joshua tree woodland, Mojavean desert scrub, pinon and juniper woodland, and Sonoran desert scrub habitats with fast draining, coarse grained alluvial soil. During the biological resource survey, no Joshua trees were observed within the Project site; however, Joshua trees were identified within the 500-foot survey buffer. A formal Joshua tree inventory or health assessment was not conducted during the biological resources survey. The Western Joshua Tree Conservation Act (WJTCA) prohibits the importation, export, take, possession, purchase, or sale of any western Joshua tree in California unless authorized by CDFW. The act authorizes CDFW to issue permits for the incidental take of one or more western Joshua trees if the permittee meets certain conditions. Permittees may pay specified fees in lieu of conducting mitigation activities. The act also authorizes CDFW to issue permits for the removal of dead western Joshua trees and the trimming of live western Joshua trees under certain circumstances. Given the fact that the Joshua tree is located outside of the project site, and as a result, that no Joshua tree would be harmed or would otherwise suffer "take," compliance with the WJTCA is not anticipated to be necessary.

#### *Special-Status Wildlife Species*

There were 21 special-status wildlife species that appeared in the literature review and database searches for the Project site. Since the Project site is primarily developed, many of the special-status wildlife species identified in the literature were presumed absent from the Project site. However, due to the Project's proximity to undeveloped desert scrub and the Mojave River (including USFWS designated Critical Habitat for southwestern willow flycatcher), eight special-status wildlife species have potential to occur on or adjacent to the Project site. A brief natural history and discussion of the special-status wildlife species that have potential to occur on or adjacent to the Project site can be found below:

Desert tortoise. Desert tortoise is a federally and state-listed (threatened) species. The desert tortoise is typically found in desert valleys with vegetation communities, such as alluvial fan, saltbush, creosote bush, desert scrub, and yucca woodlands. This species typically burrows in friable soil, under rocks, and along washes. Minimal suitable desert tortoise habitat is present in the southern portion of the Project site along the access road. Additionally, the areas surrounding the Project site contain suitable habitat. Although no desert tortoises or desert tortoise sign (e.g., scat, tracks, burrows) were observed during the biological resource survey, multiple recent records of this species have been documented within the vicinity of the Project site (CDFW 2022). The most recent CNDDDB record was observed in 2018 approximately 3.3 miles south of the Project site (CDFW 2022). The closest CNDDDB record was observed in 2008, less than 0.1 mile north of the Project site (CDFW 2022). Various barriers associated with the VVWRA facility including the chain-link fence, degraded desert tortoise

fencing, and the concrete-lined U-shaped ditches limit the movement of desert tortoise into the Project site; however, these barriers only reduce access to the Project site and do not restrict or exclude the movement of desert tortoise into the Project site. It is possible this species could utilize the creosote bush scrub and Atriplex scrub habitat in the southern portion of Project site, but due to the disturbed nature of the Project site and various barriers. However, there is still a low potential for Mojave desert tortoise to occur in the project area and the following precautionary avoidance measures are recommended to ensure the project does not result in any impacts to Mojave desert tortoise.

Burrowing owl. The burrowing owl is a CDFW Species of Special Concern (SSC, CDFW 2022). It is typically found in dry open areas with few trees and short grasses; it is also found in vacant lots near human habitation. It uses uninhabited mammal burrows for roosts and nests. It primarily feeds on large insects and small mammals but will also eat birds and amphibians. Minimal suitable burrowing owl habitat is present in the southern portion of the Project site adjacent to the access road. Additionally, the areas surrounding the Project site contain suitable habitat. Although no burrowing owls or burrowing owl sign (e.g., pellets, whitewash, burrows) were observed during the biological resource survey, multiple recent records of this species have been documented within the vicinity of the Project site (CDFW 2022). The most recent record was observed in 2008 approximately 3.8 miles south of the Project site (CDFW 2022). The closest record was observed in 2002, approximately 0.6 mile west of the Project site (CDFW 2022). Due to the high mobility of this species, it is possible a burrowing owl could utilize the creosote bush scrub and Atriplex scrub habitat in the southern portion of the Project site while foraging or while moving through the area, but due to the disturbed nature of the Project site, it is unlikely that this species would nest on the Project site or use the developed and disturbed portions of the Project site. However, given previous studies and occurrences in the project area, there may be a potential for this species to occur within the project site. Although the project is not likely to adversely affect burrowing owl (BUOW), there is still a low potential for this species to occur in the project area and the following precautionary avoidance measures are recommended to ensure the project does not result in any impacts to BUOW.

Southwestern willow flycatcher. The southwestern willow flycatcher is a federally and state-listed (endangered) species. Southwestern willow flycatcher is the only subspecies that nests in southern California; however, migrants of all the subspecies may occur in the area during spring and fall migration. USFWS designated critical habitat for southwestern willow flycatcher is present in the Mojave River east of the site and within the 500-foot survey buffer, but no suitable habitat for southwestern willow flycatcher is present within or immediately adjacent to the Project site. Habitat requirements for the southwestern willow flycatcher includes dense riparian vegetation near permanent or semi-permanent sources of water or saturated soil, such as cottonwood, willow, and salt cedar vegetation communities along rivers and streams below 8,500 feet above msl. The southwestern willow flycatcher typically breeds within dense tree or shrubby riparian vegetation that

is equal to or greater than 10 feet tall (Allison et al. 2003). During the biological resource survey, no suitable nesting habitat for southwestern willow flycatcher was observed on the Project site. Suitable foraging, nesting, and dispersal habitat is present in the Mojave River, approximately 0.25 mile east of the Project site. One recent record of this species, observed in 2012, was documented approximately 4.5 miles southeast of the Project site (USFWS 2022a). Due to the disturbed nature of the Project site and lack of habitat, this species is not expected to occur on the Project site.

Loggerhead shrike (*Lanius ludovicianus*). The loggerhead shrike is a CDFW SSC (CDFW 2022). It prefers open areas with scattered trees and shrubs including savanna, desert scrub, and open woodland habitats. Its diet includes large insects and other invertebrates, but it will also prey upon small mammals, lizards, and snakes. Minimal suitable nesting or foraging habitat is present in the creosote bush scrub and Atriplex scrub present in the southern portion of the Project site near the access road, and the areas surrounding the Project site contain suitable habitat. Records of this species nesting were documented nearby for the HDSP. Due to the high mobility of this species, it is possible this species could utilize the Project site while foraging or moving through the area, but due to the disturbed nature of the Project site and lack of habitat, it is unlikely that this species would nest on the Project site.

Yellow warbler (*Setophaga petechia*). Yellow warbler is a CDFW SSC (CDFW 2022). In southern California, this species breeds in lowland and foothill riparian woodlands dominated by cottonwoods, alders, or willows and other small trees and shrubs typical of low, open-canopy riparian woodland. During migration, they occur in lowland and foothill woodland habitats such as desert oases, riparian woodlands, oak woodlands, mixed deciduous-coniferous woodlands, suburban and urban gardens and parks, groves of exotic trees, farmyard windbreaks, and orchards (Small 1994). No suitable habitat for yellow warbler was observed on the Project site; however, the riparian areas associated with the Mojave River east of the Project site do contain suitable habitat. One recent record of this species, observed in 2016, was documented approximately 4.2 miles southeast of the Project site (CDFW 2022). Although habitat for this species is present in the vicinity of the Project site, it is unlikely this species would utilize any portion of the Project site due to lack of suitable habitat on or immediately adjacent to the Project site.

Least Bell's vireo (*Vireo bellii pusillus*). The least Bell's vireo is a federally and state-listed (endangered) species. Least Bell's vireos are a highly migratory species that only occurs in the region during the breeding season. This species is dependent upon riparian habitat and prefers willow-dominated woodland or scrub that typically exists along streams and rivers (Franzreb 1989). Other habitat types used by this species include mule fat scrub, mixed oak/willow woodland, mesquite woodland, and elderberry (*Sambucus* spp.) scrub. No suitable habitat for least Bell's vireo was observed on the Project site; however, the riparian areas associated with the Mojave River east of the Project site do contain suitable habitat. Multiple recent records of this species from CNDDDB and

USFWS species occurrence data have been documented near the Project site. The closest record was observed less than 0.1 mile east of the Project site in 2008 (USFWS 2022a). The most recent record was observed in 2018 approximately 0.2 miles east of the Project site (USFWS 2022a). Although habitat for this species is present in the vicinity of the Project site, it is unlikely this species would utilize any portion of the Project site due to lack of suitable habitat on or immediately adjacent to the Project site.

Desert kit fox. Desert kit fox is a fur-bearing mammal that is protected under the CCR Title 14, Chapter 5, § 460, which prohibits take of the species at any time. Therefore, CDFW does not have a mechanism for take (e.g., permit) of the species by development projects. The desert kit fox is found in desert habitats that include creosote bush, shadscale, greasewood, and sagebrush. It feeds primarily on nocturnal rodents and rabbits, but will opportunistically take birds, reptiles, and insects. Minimal suitable desert kit fox habitat is present within the Project site; however, the areas surrounding the Project site to the north, south, and west contain suitable habitat and this species is known to occur in these undeveloped areas. Although this species is not tracked in the CNDDDB, this species was extensively documented for the nearby HDSP. Known (i.e., occupied) desert kit fox dens were recorded approximately 0.3 mile west of the Project site. This species could utilize the Project site while foraging or while moving through the area, but due to the disturbed nature of the Project site it is unlikely that this species would den on the Project site.

Mohave ground squirrel. The Mohave ground squirrel (MGS) is a state-listed (threatened) species. Suitable habitat for the species consists of relatively undisturbed native desert scrub vegetation; sandy, friable soils; gentle, sloping terrain; and elevation lower than 5,000 feet above msl. No suitable MGS habitat is present within the Project site; however, the areas surrounding the Project site to the north, south, and west contain suitable habitat. Two recent and three historic CNDDDB records of this species have been documented in the vicinity of the Project site (CDFW 2022). The closest and most recent record was observed in 2007 approximately 0.5 mile west of the Project site. Additionally, one MGS was recorded in 2020 during a camera trapping study done for the High Desert Solar Project, approximately 0.7 mile west of the Project site. Due to the disturbed nature of the Project site, it is unlikely that this species would occur on the Project site, but it could, however, utilize the Project site buffer.

#### *Raptors and Migratory Birds*

Potential nesting habitat for migratory birds and raptors protected by the MBTA and the California Fish and Game Code was present on the Project site in the creosote bush scrub and Atriplex scrub areas, and also present adjacent to the Project site in the creosote bush scrub, Atriplex scrub, and riparian woodland that surround the Project site. Other areas adjacent to the Project site that could also provide nesting habitat for migratory birds and raptors include transmission towers and buildings. Raptors typically breed between February and August, while songbirds and other

passerines generally nest between March and August.

#### *Jurisdictional Drainages*

The desktop review of the NRCS (2022), NWI, the USGS topographic map, and the aquatic resources delineation data documented for the nearby HDSP identified potentially jurisdictional features on and adjacent to the Project site. Access roads proposed for the Project include existing dirt roads within the fenced VVWRA facility which are compacted by use and have been present for several years, on top of berms surrounding the ponds. According to mapping of the biological resources in the Project vicinity, these roads are vertically separated from small ephemeral streams that would be considered as jurisdictional to the U.S. Army Corps of Engineers, Lahontan Regional Water Quality Control Board and California Department of Fish and Wildlife and these streams are not expected to be altered or filled in any way by the Project. If any streams are so altered, then this would require regulatory permitting with the aforementioned agencies. Although all streams and potentially jurisdictional feature are intended to be avoided by the project, we have listed several Best Management Practices (BMPs) in the Recommendations Section to assist with avoidance.

#### Discussion

The Project site consists of disturbed and developed land surrounded by undeveloped desert scrub and riparian woodland. The Project site contains wastewater treatment beds, access roads, and various structures associated with the VVWRA facility. Vegetation on the Project site consisted of a small community of creosote bush scrub and Atriplex scrub in the Project site's southern portion associated with the access road, and small, sparse patches of non-native vegetation throughout the disturbed and developed areas. The areas adjacent to the Project site contain undeveloped desert scrub with hills and washes to the west, north, and south of the Project site, and riparian woodland in the Mojave River to the east.

The literature review and database searches for the Project site revealed 13 special-status plant species, 21 special-status wildlife species. USFWS designated critical habitat for southwestern willow flycatcher is located within the Mojave River less than 500 feet east of the Project site. Although the Project site is primarily developed and disturbed, special-status plant and wildlife species have potential to occur on or adjacent to the Project site due to its proximity to habitat provided by the undeveloped desert scrub and the Mojave River. One special-status plant species, Joshua tree, was observed adjacent to the Project site, outside of the fence VVWRA facility. The Western Joshua Tree Conservation Act (WJTCA) prohibits the importation, export, take, possession, purchase, or sale of any western Joshua tree in California unless authorized by CDFW. The act authorizes CDFW to issue permits for the incidental take of one or more western Joshua trees if the permittee meets certain conditions. Permittees may pay specified fees in lieu of conducting mitigation activities. The act also authorizes CDFW to issue permits for the removal of dead western Joshua trees and the trimming of live western Joshua trees under certain circumstances. Given the fact that the Joshua tree is located

outside of the project site, and as a result, that no Joshua tree would be harmed or would otherwise suffer "take," compliance with the WJTCA is not anticipated to be necessary.

No other special-status plant or wildlife species were observed during the biological resource survey of the Project site.

Although minimal, the vegetation on the Project site could provide nesting habitat for songbirds protected by the MBTA and California Fish and Game Code. If construction of the Proposed Project occurs during the bird breeding season (typically February 1 through August 31), ground-disturbing construction activities could directly affect birds protected by the MBTA and their nests through the removal of habitat on the Project site and indirectly through increased noise, vibrations, and increased human activity. Therefore, if construction is initiated between February 1 and August 31, it is recommended that a pre-construction nesting bird survey be conducted prior to construction.

Southwestern willow flycatcher, yellow warbler, and least Bell's vireo are presumed absent on the Project site due to the lack of suitable riparian habitat on the Project site. There is potential for these species to occur in the riparian habitat present in the Mojave River to the east. If these species are found nesting in the riparian habitat nearest to the Project site (i.e., within 500 feet), potential project-related indirect impacts could occur that could result in nest abandonment or failure. Although there is marginally suitable habitat in the creosote bush scrub and Atriplex scrub in the southern portion of the Project site, loggerhead shrike, desert kit fox, and Mohave ground squirrel are not expected to occur on or immediately adjacent to the Project site due to the disturbed and developed nature of the Project site.

However, based on past studies of biological resources in the project area, it is concluded that there is marginally suitable for several special status species, including desert tortoise and BUOW.

Although the Project is not likely to adversely affect desert tortoise, there is still a low potential for this species to occur in the Project Area and the following precautionary avoidance measures are recommended to ensure the Project does not result in any impacts to Mojave desert tortoise:

- A qualified biologist shall develop a Worker Environmental Awareness Program (WEAP) that would include information on general and special status species within the Project Area, identification of these species and their habitats, techniques being implemented during construction to avoid impacts to species, consequences of killing or injuring an individual of a listed species, and reporting procedures when encountering listed or sensitive species. All construction crews, foremen, and other Project personnel potentially working on site should attend this education program prior to the first day of work.
- Preconstruction surveys for desert tortoise should be conducted no more than 14 days prior to new ground disturbance within each phase of development to verify that Mojave desert tortoise remain absent from the Project Area.

- A qualified biological monitor should be present during all ground disturbing activities (clearing, grubbing and grading) to ensure that construction related activities do not impact any sensitive wildlife that may wander onto the site during construction.

Although the Project is not likely to adversely affect BUOW, there is still a low potential for this species to occur in the Project Area and the following precautionary avoidance measures are recommended to ensure the Project does not result in any impacts to BUOW:

- BUOW would be included as one of the species covered in the WEAP that all construction crews, foremen, and other Project personnel potentially working on site should attend prior to the first day of work.
- Preconstruction surveys for BUOW should be conducted no more than 14 days prior to new ground disturbance within each phase of development to verify that BUOW remain absent from the Project Area.

The Project site does not support riparian habitat, sensitive natural communities, wetlands, or trees that would need to be preserved and no Project related impacts are anticipated for these resources.

Potentially jurisdictional drainages were observed on and adjacent to the Project site, along the southern and western boundaries of the Project site. The streams are expected to be avoided by the Project, however due to their proximity we recommend several BMPs below in in the Recommendations Section.

## Recommendations

The following are recommended prior to Project implementation:

**Worker Environmental Awareness Program:** Prior to the start of construction, a Worker Environmental Awareness Program (WEAP) will be developed. A qualified biologist with experience with the sensitive biological resources in the region will present the WEAP to all personnel working in the project area (either temporarily or permanently) prior to the start of project activities. The WEAP may be videotaped and used to train newly hired workers or those not present for the initial WEAP. The WEAP would include, but will not be limited to, discussions of the sensitive biological resources associated with the Project with a specific focus on desert tortoise, burrowing owl, southwestern willow flycatcher, least Bell's vireo, desert kit fox, Mohave ground squirrel, and nesting birds. Project-specific measures to avoid or eliminate impacts to these resources, consequences for not complying with Project permits and agreements, and contact information for the lead biologist would be included. Logs of personnel who have taken the training will be kept on the site at the construction or Project office.

**Pre-construction Nesting Bird Survey:** If construction or other Project activities are scheduled to occur during the bird breeding season (February through August for raptors and March through

August for most migratory bird species), a pre-construction nesting bird survey shall be conducted by a qualified biologist to ensure that active bird nests, including those for the loggerhead shrike and yellow warbler, will not be disturbed or destroyed. The survey shall be completed no more than three days prior to initial ground disturbance. The nesting bird survey shall include the Project area and adjacent areas, including the riparian habitat associated with the Mojave River within the 500-ft survey buffer that has potential for southwestern willow flycatcher, yellow warbler, and least Bell's vireo to occur. These areas are where proposed Project activities have the potential to affect active nests, either directly or indirectly due to construction activity or noise. If an active nest is identified, a qualified biologist shall establish an appropriate disturbance limit buffer around the nest using flagging or staking. Construction activities shall not occur within any disturbance limit buffer zones until the nest is deemed inactive by the qualified biologist. If impacts to federally or state-listed riparian bird species (e.g., least Bell's vireo, southwestern willow flycatcher) nests are unavoidable, then consultation with CDFW and USFWS may be required prior to project work commencing and obtaining the appropriate take permits may be necessary.

**Aquatic Resources Best Management Practices:** Access roads proposed for the Project include existing dirt roads which are compacted by use and have been present for several years. According to mapping of the biological resources in the Project vicinity, these dirt roads are located within close proximity to several small ephemeral streams that would be considered as jurisdictional to the U.S. Army Corps of Engineers, Lahontan Regional Water Quality Control Board and California Department of Fish and Wildlife. If these streams are altered or filled in any way by the Project, this would require regulatory permitting with the aforementioned agencies. Therefore all streams and potentially jurisdictional feature are intended to be avoided by the project, through use of the following Best Management Practices (BMPs).

- a. All ground-based equipment and vehicles will stay on designated, existing dirt roads within the VVWRA boundaries. No new roads will be created and existing roads will not be widened.
- b. A Storm Water Pollution Prevention Plan that established BMPs to deal with stormwater runoff will be prepared and followed in order to minimize soil erosion and avoid any stormwater runoff into jurisdictional features.
- c. All staging of construction materials will be located within the VVWRA boundaries and outside of jurisdictional features.
- d. An erosion control plan will be developed to prevent road maintenance and project-related, road use-generated erosion from entering stream courses.
- e. Schedule operations and use of the access roads for when rain, runoff, or wet soils, are less likely. Follow seasonal restrictions in the wet weather operation section of the erosion control plan.
- f. Service and refueling areas will be established at least 100 meters away from wet areas and surface flow.
- g. All construction activities will remain at least 25 feet away from any jurisdictional streams.

- h. Live vegetation located in and near jurisdictional features will not be thinned, modified or pruned.

**Preconstruction Desert Tortoise Survey:** Preconstruction surveys for Desert Tortoise shall be conducted no more than 14 days prior to new ground disturbance within each phase of development to verify that Mojave desert tortoise remain absent from the Project Area.

**Biological Monitoring:** A biological monitor shall be present during the initial ground disturbing activities (clearing, grubbing and initial grading) to ensure no sensitive resources wander onto the site and to ensure no impacts will result during construction.

**Preconstruction Burrowing Owl Survey:** Preconstruction presence/absence surveys for burrowing owl shall be conducted no less than 14 days prior to any onsite ground disturbing activity by a qualified biologist. The burrowing owl surveys shall be conducted pursuant to the recommendations and guidelines established by the California Department of Fish and Wildlife in the "California Department of Fish and Wildlife 2012 Staff Report on Burrowing Owl Mitigation." In the event this species is not identified within the Project limits, no further mitigation is required, and a letter shall be prepared by the qualified biologist documenting the results of the survey. The letter shall be submitted to CDFW prior to commencement of Project activities. If during the preconstruction survey, the burrowing owl is found to occupy the site, Mitigation Measure BIO-4 shall be required.

**Burrowing Owl Precautionary Measure:** If burrowing owls are identified during the survey period, VVRWA and/or the Applicant shall take the following actions to offset impacts prior to ground disturbance:

Active nests within the areas scheduled for disturbance or degradation shall be avoided until fledging has occurred, as confirmed by a qualified biologist. Following fledging, owls may be passively relocated by a qualified biologist, as described below.

If impacts on occupied burrows are unavoidable, onsite passive relocation techniques may be used if approved by the CDFW to encourage owls to move to alternative burrows provided by VVRWA and/or the Applicant outside of the impact area.

If relocation of the owls is approved for the site by CDFW, CDFW shall require VVRWA and/or the Applicant to hire a qualified biologist to prepare a plan for relocating the owls to a suitable site and conduct an impact assessment. A qualified biologist shall prepare and submit a passive relocation program in accordance with Appendix E (i.e., Example Components for Burrowing Owl Artificial Burrow and Exclusion Plans) of the 2012 Staff Report on Burrowing Owl Mitigation (CDFG 2012) to the CDFW for review/approval prior to the commencement of disturbance activities onsite.

The relocation plan must include all of the following and as indicated in Appendix E:

- The location of the nest and owls proposed for relocation.
- The location of the proposed relocation site.
- The number of owls involved and the time of year when the relocation is proposed to take place.
- The name and credentials of the biologist who will be retained to supervise the relocation.
- The proposed method of capture and transport for the owls to the new site.
- A description of site preparation at the relocation site (e.g., enhancement of existing burrows, creation of artificial burrows, one-time or long-term vegetation control).

The applicant shall conduct an impact assessment, in accordance with the Staff Report on Burrowing Owl Mitigation prior to commencing Project activities to determine appropriate mitigation, including the acquisition and conservation of occupied replacement habitat at no less than a 2:1 ratio.

Prior to passive relocation, suitable replacement burrows site(s) shall be provided at a ratio of 2:1 and permanent conservation and management of burrowing owl habitat such that the habitat acreage, number of burrows and burrowing owl impacts are replaced consistent with the Staff Report on Burrowing Owl Mitigation including its Appendix A within designated adjacent conserved lands identified through coordination with CDFW and the VVRWA and/or the Applicant. A qualified biologist shall confirm the natural or artificial burrows on the conservation lands are suitable for use by the owls. Monitoring and management of the replacement burrow site(s) shall be conducted and a reporting plan shall be prepared. The objective shall be to manage the replacement burrow sites for the benefit of burrowing owls (e.g., minimizing weed cover), with the specific goal of maintaining the functionality of the burrows for a minimum of 2 years.

A final letter report shall be prepared by the qualified biologist documenting the results of the passive relocation. The letter shall be submitted to CDFW.

Thank you for the opportunity to work on your project. If you have any questions regarding the contents of this letter report, please contact me at (909) 307-0046/[alovaas@ecorpconsulting.com](mailto:alovaas@ecorpconsulting.com).

*CERTIFICATION: I hereby certify that the statements furnished above and in the attached exhibits present data and information required for this biological evaluation, and the facts, statements, and information presented are true and correct to the best of my knowledge and belief.*

SIGNED: \_\_\_\_\_

DATE: February 15, 2023

Alden Lovaas  
Associate Biologist  
ECORP Consulting, Inc.  
215 N. 5<sup>th</sup> Street  
Redlands, CA 92374

**Attachments:**

- Attachment A: Project Location and Vicinity Map
- Attachment B: Current Project Site Plans
- Attachment C: Representative Project Site Photographs

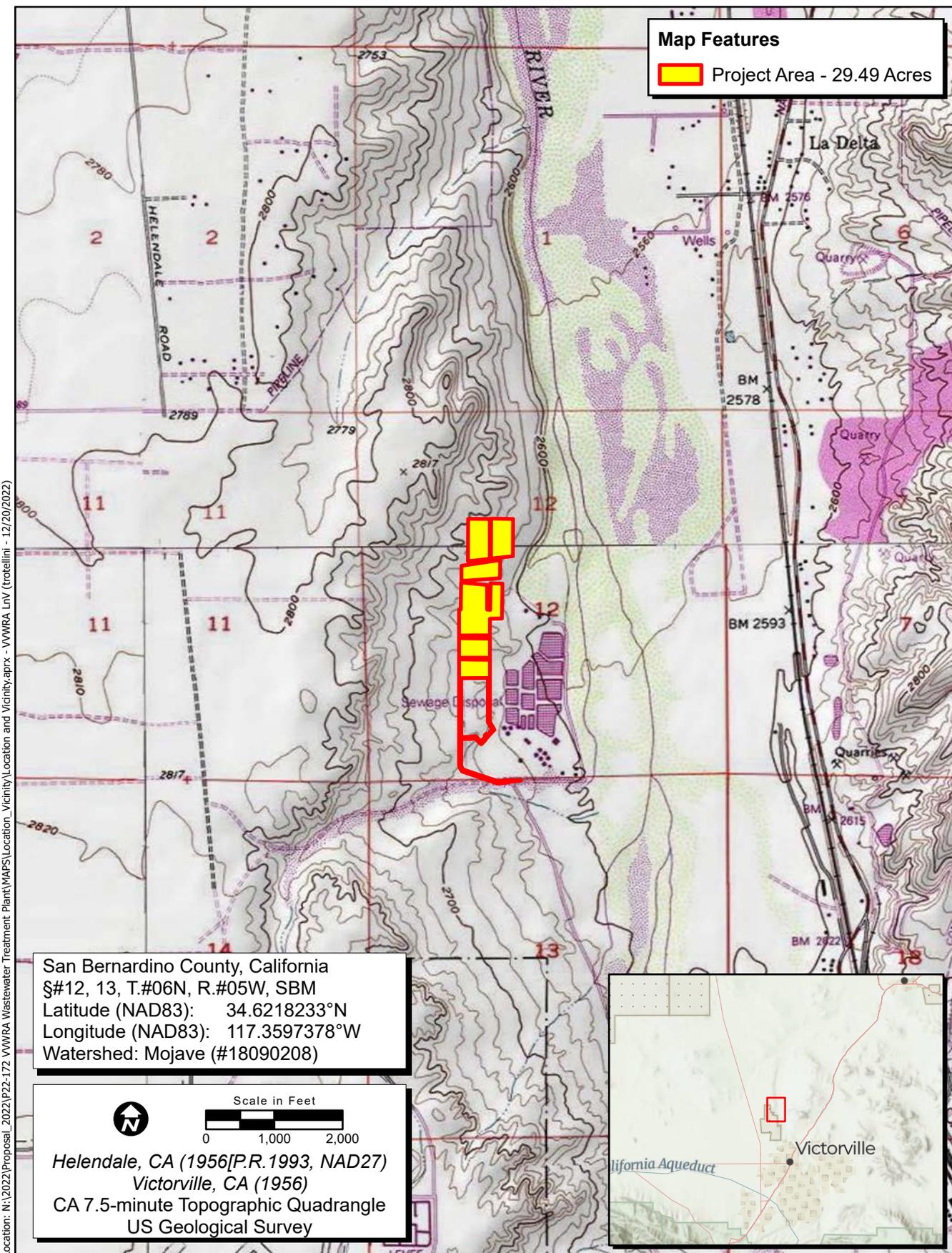
## Literature Cited

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- U.S. Fish and Wildlife Service (2013). Endangered and Threatened Wildlife and Plants; Designation of Critical Habitat for Southwestern Willow Flycatcher; Final Rule. Federal Register 78: 344-534.

## **ATTACHMENT A**

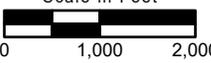
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### Project Location and Vicinity Map



**Map Features**  
 Project Area - 29.49 Acres

San Bernardino County, California  
 §#12, 13, T.#06N, R.#05W, SBM  
 Latitude (NAD83): 34.6218233°N  
 Longitude (NAD83): 117.3597378°W  
 Watershed: Mojave (#18090208)

 Scale in Feet  
  
 Helendale, CA (1956[P.R.1993, NAD27])  
 Victorville, CA (1956)  
 CA 7.5-minute Topographic Quadrangle  
 US Geological Survey



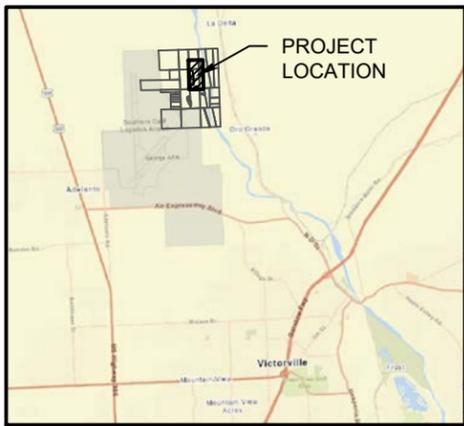
Map Date: 12/20/2022  
 Sources: ESRI, USGS

**Figure 1. Project Location and Vicinity**

**ATTACHMENT B**

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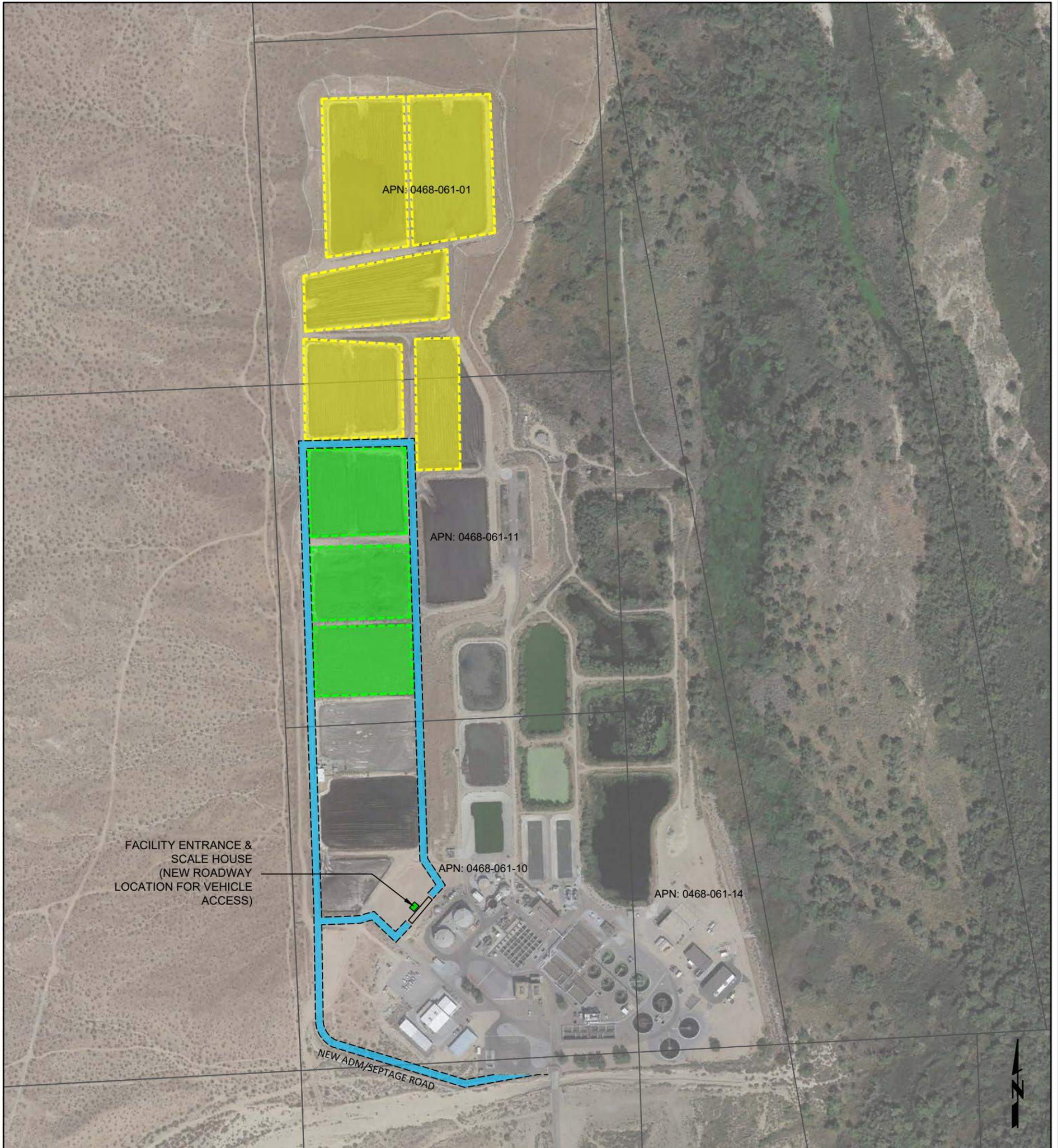
Current Project Site Plans



**VICINITY**  
N.T.S.

**LEGEND**

- VVWRA 4.0 MW SOLAR (~14 ACRES TOTAL)
- WET FRACTION AD & BIOSOLIDS PROCESSING FACILITY
- SAN BERNARDINO COUNTY PARCEL BOUNDARIES



IMAGERY: GOOGLE EARTH, NOVEMBER 2022



**VICTOR VALLEY BIOENERGY FACILITY (VVBf)**  
**SITE MAP**

PROJECT: BIOFUELS FACILITY  
LOCATION: 20111 SHAY RD. VICTORVILLE, CA 92394

**ATTACHMENT C**

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Representative Project Site Photographs



Photo 1: Northern Wastewater Treatment Beds on the Project Site; Facing South.



Photo 2: Wastewater Treatment Beds on the Project Site; Facing Northeast.



Photo 3: Wastewater Treatment Bed on the Project Site; Facing West.



Photo 4: Existing Access Road on the Western Side of the Project Site; Facing North.



Photo 5. Mojave River, East of the Project Site; Facing East.



Photo 6: Deteriorated Desert Tortoise Fencing Along Northern VVWRA Facility; Facing North.



Photo 7: Creosote bush and Atriplex scrub Along Southern Portion of the Project Site; Facing West.



Photo 8: Creosote Bush Scrub Outside of Fenced VVWRA Facility; Facing Northeast.

**APPENDIX 3**

**CULTURAL RESOURCES TECHNICAL MEMO**

February 23, 2023

Valerie Rosenkrantz  
Trinity Consultants, Inc.  
12700 Park Central Drive, Suite 2100  
Dallas, Texas 75251

**RE: *Records Search Results and Survey Report for the Victor Valley Bioenergy Facility Project in San Bernardino County, California***

Greetings:

At your request, ECORP Consulting, Inc. conducted a records search and field survey for the 29.49-acre Victor Valley Bioenergy Facility Project (VVBF Project) in the City of Victorville, San Bernardino County, California. The scope of work included a records search of the California Historical Resources Information System (CHRIS) at the South Central Coastal Information Center (SCCIC) located at California State University, Fullerton, a Sacred Lands File search from the Native American Heritage Commission (NAHC), a cursory field visit of the completely developed portions of the Project Area, and an intensive pedestrian survey of a small undeveloped portion of the Project Area. The purpose of the records search was to identify the locations and extent of previous surveys conducted within 1 mile of the Project Area and to determine if there are any known cultural resources (i.e., pre-contact [prehistoric] or historic archaeological sites or historic-period features) located in or near the Project Area. In addition, the CHRIS records search would identify resources listed on or determined eligible for listing on the National Register of Historic Places (NRHP) and/or the California Register of Historical Resources (CRHR) located within 1 mile of the Project Area. Figure 1 shows the boundaries of the area subject to the records search request from the SCCIC. The purpose of the field visit was to identify any cultural resources that may have been missed during previous investigations, as well as update site records for any previously recorded cultural resources. The purpose of this report is to provide information to the agencies regarding the efforts to date on identifying cultural resources within the Proposed Project Area from the CHRIS records search, Sacred Lands File search, and field visit.

Sections 6253, 6254, and 6254.10 of the California Code authorize state agencies to exclude archaeological site information from public disclosure under the Public Records Act. In addition, the California Public Records Act (Government Code § 6250 et seq.) and California's open meeting laws (The Brown Act, Government Code § 54950 et seq.) protect the confidentiality of Native American cultural place information. Under Exemption 3 of the federal Freedom of Information Act (5 U.S. Code [USC] 5), because the disclosure of cultural resources location information is prohibited by the Archaeological Resources Protection Act of 1979 (16 USC 470hh) and Section 307103 of the National Historic Preservation Act, it is also exempted from disclosure under the Freedom of Information Act. Likewise, the Information Centers of the CHRIS maintained by the California Office of Historic Preservation prohibit public dissemination of records search information. In compliance with these requirements, the results of this cultural resources

investigation were prepared as a confidential document, which is not intended for public distribution in either paper or electronic format. Locations of sites known to exist within the Project Area are considered need-to-know information by project planners for management purposes, and therefore, the information included in this report and in Attachment A is restricted from distribution. Moreover, this report was prepared upon request as an abbreviated inventory report that excludes the cultural, historical, and environmental contexts, which may be requested by lead agencies.

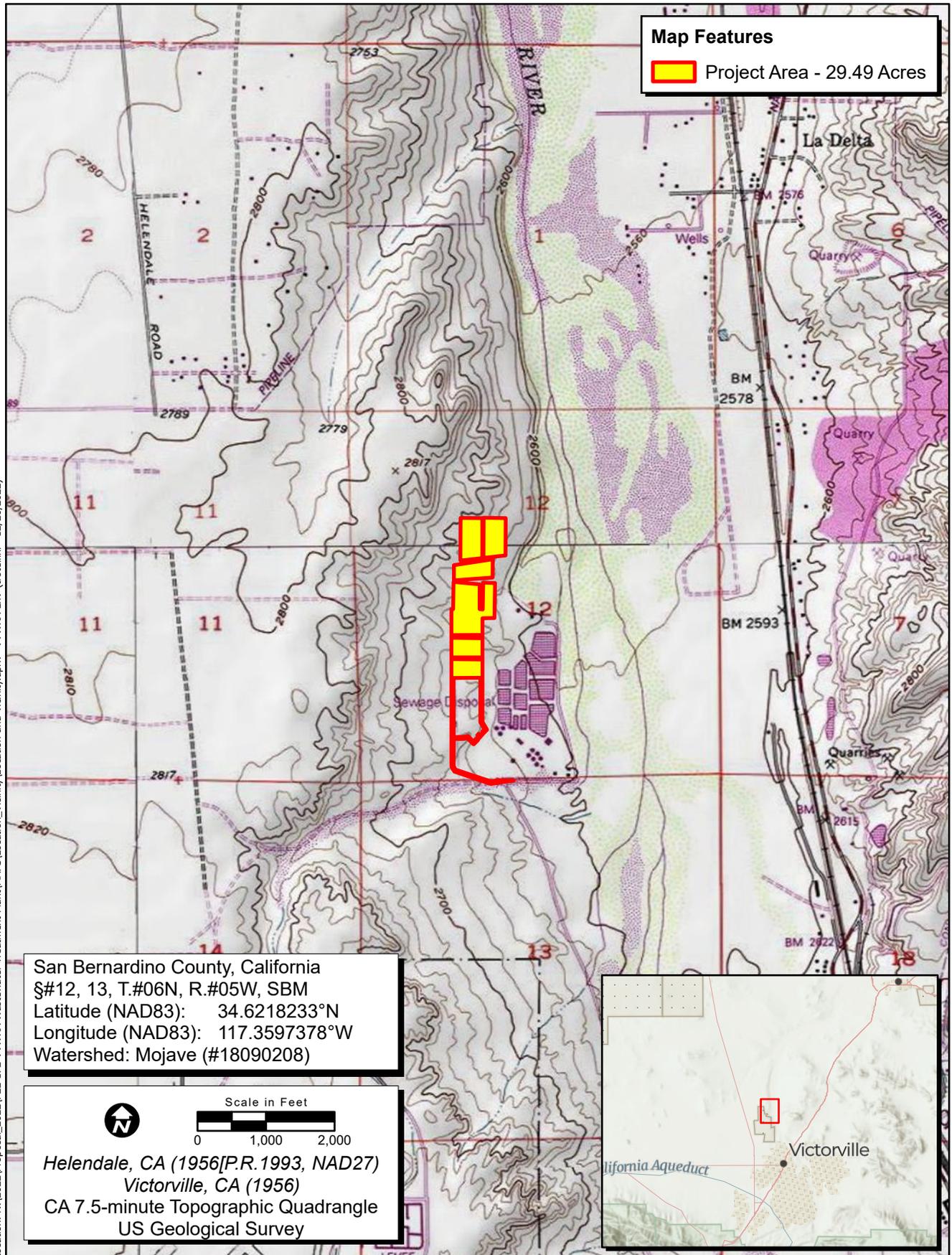
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## **RECORDS SEARCH METHODS**

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ECORP staff conducted a cultural resources records search of the CHRIS on December 13, 2022 (Appendix A). Materials reviewed included reports of previous cultural resources investigations, archaeological site records, and listings of resources on the NRHP, CRHR, California Points of Historical Interest, California Landmarks, and National Historic Landmarks. ECORP also reviewed historic maps and aerial photographs of the Project Area.

ECORP contacted the NAHC on December 7, 2022 to request a search of the Sacred Lands File for the Project Area. This search was to determine whether California Native American tribes have recorded Sacred Lands within the Project Area because the Sacred Lands File is populated by members of the Native American community with knowledge of the locations of tribal resources. In requesting a search of the Sacred Lands File, ECORP solicited information from the Native American community regarding cultural resources, however, the responsibility to formally consult with the Native American community lies exclusively with the federal and local agencies under applicable state and federal laws. The lead agencies have not delegated ECORP authority to conduct tribal consultation.



Map Date: 12/20/2022  
 Sources: ESRI, USGS

**Figure 1. Project Location and Vicinity**

## RECORDS SEARCH RESULTS

The CHRIS records search results indicated that approximately 40 percent of the Project Area has been previously surveyed for cultural resources. One cultural study overlaps the Project Area and another three are immediately adjacent to the Project Area's boundaries. These studies were conducted between 1967 and 2010. In addition to the one previous study that included a portion of the Project Area, 42 cultural resources investigations were conducted within the 1-mile records search radius. Details of the 43 investigations conducted within 1 mile the Project Area are available in Confidential Appendix A.

The CHRIS records search results also show that one resource has been previously recorded within the Project Area: a pre-contact lithic scatter (P-36-3008). Forty-nine additional resources were identified outside of the Project Area but within the 1-mile records search radius. Those 49 resources consist of 13 pre-contact resources, 32 historic-period resources, two multicomponent resources, and three resources of unknown age. The results of records search are provided in Confidential Appendix A.

ECORP reviewed historic-period maps and photographs to identify historic land uses of the Project Area. Below is a summary of the features noted on historic maps and photographs.

- The 1932 U.S. Geological Survey (USGS) 15-minute Barstow quadrangle map shows the Project Area as vacant land. An east-west trending unnamed, unpaved road is depicted crossing through the Project Area. The Mohave River is depicted to the east. The Atchison, Topeka, and Santa Fe Railroad is depicted east of the Project Area. The community of Oro Grande is shown east of the Project Area, Adelanto is shown to the west, and Victorville is shown to the southeast.
- The 1953 USGS San Bernardino Quadrangle map shows the addition of the George Air Force Base (GAFB) west of the Project Area.
- The 1966 USGS San Bernardino Quadrangle map shows the Mojave River, now with an altered path; it is less windy when compared to the 1932 map. It seems likely that the path of the river was artificially altered for the nearby GAFB.
- The 1981 and 1993 USGS Victorville Quadrangle maps also show much of the layout of the Project Area as relatively unchanged from how it appears today.

Aerial photographs from 1952 and 1968 show the southern portion of the Project Area as agricultural land and the northern portion as undeveloped desert. The 1984 aerial photographs show the agricultural fields have been developed into a wastewater treatment facility. In 1994 aerial photographs, the wastewater facility has been expanded to the west, but the northern portion of the Project Area is still undeveloped desert. The Project Area appears to remain unchanged in aerial photographs from 2005. In 2009 aerial photographs, the wastewater facility has been expanded to the north to its current footprint. The areas surrounding the Project location also appear unchanged and undeveloped (Nationwide Environmental Research. 2022).

ECORP received the results of the Sacred Lands File search from the NAHC on January 5, 2022. The results were positive and indicate the presence of Native American Sacred Lands in the Project Area. The NAHC recommended communicating with the Chemehuevi Indian Tribe and San Manuel Band of Mission

Indians for further details. The lead agencies will need to carry out government-to-government tribal consultation under applicable law. Correspondence between the NAHC and ECORP is included in Appendix B.

## **FIELD SURVEY METHODS**

Because the Project Site is nearly entirely developed with covered, paved surfaces, earthen berms and settling ponds, a traditional archaeological survey was not warranted. ECORP Staff Archaeologist Robert Cunningham conducted a field visit on January 12, 2022, as documented in Appendix C. During the field visit, he documented the current ground conditions and conducted a reconnaissance-level inspection of the developed areas for any indication of historic-period or pre-contact resources. The southern portion of the Project Area crosses an undeveloped area. This undeveloped area extends along the southern fence line west of the facility entrance gate. It extends west for 859 feet and then curves north, extending an additional 321 feet. This area is 0.83 acres and comprises 2.8 percent of the total Project Area. Since this area is undeveloped, the ECORP archaeologist conducted an intensive pedestrian survey of this area. During the field visit, the location and nature of any resources encountered were preliminarily noted in accordance with the standards of the California Office of Historic Preservation.

## **FIELD SURVEY RESULTS**

As a result of the field visit, the ECORP archaeologist indicated one possible historic site in the Project Area: VVBF-01. VVBF-01 is a possibly historic segment of fence composed of barbed wire and chicken wire attached to wooden posts. This potential site has not been recorded or evaluated at this time. If VVBF-01 can be avoided, we recommend having ECORP archaeologists establish a buffer around it prior to any ground disturbing activities. If it is determined that VVBF-01 cannot be avoided, it will need to be recorded and formally evaluated before any additional work can occur. A map showing the location of VVBF-001 is provided in Confidential Appendix D.

The records search results indicate that one pre-contact resource, a lithic deposit (P-36-3008), is located within the Project Area. The location of P-36-3008 was revisited during the survey. The area is now covered by a constructed earthen berm and settling pond within a wastewater treatment facility. The berm is approximately 20 feet above natural grade. It is likely that the site has been buried or destroyed by construction of the settling pond.

## **CONCLUSION AND MANAGEMENT CONSIDERATIONS**

ECORP conducted a cultural resources inventory for the Project Area that included a records search of the CHRIS, a search of the Sacred Lands File, and a field visit. The search of the Sacred Lands File by the NAHC was positive and indicates the presence of previously recorded sacred lands or Native American cultural resources in the Project Area. The results of the records search indicate that approximately 40 percent of the Project Area has been previously surveyed for cultural resources, with one previously recorded resource within the Project Area. Although approximately 60 percent of the Project Area has not been previously surveyed for cultural resources, most of the Project Area has been developed as part of a wastewater treatment facility and consists of earthen berms and settling ponds built above the natural

grade. Therefore, ECORP could only perform a cursory field inspection of the developed portions of the Project Area. While there is a high likelihood of additional subsurface resources within the Project Area, it is more likely that they will be identified in the undeveloped or lightly developed southern portion of the Project Area. Subsurface resources in the developed portions of the Project Area are unlikely, unless work extends beneath fill soil and into native sediments.

The entire Project Area is currently intended to be developed for use as a bioenergy facility. Development operations and maintenance activities could still damage previously recorded or unrecorded resources. Both the California Environmental Quality Act (CEQA) and Section 106 of the National Historic Preservation Act (NHPA) require the lead agency to address any unanticipated cultural resources discoveries during Project construction. Therefore, ECORP recommends the lead agency adopt and implement the following mitigation measures to reduce potential adverse impacts to less than significant:

- If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior's Professional Qualification Standards for prehistoric and historic archaeology, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:
  - If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately and no agency notifications are required.
  - If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, the archaeologist shall immediately notify the lead agencies. The agencies shall consult on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines or a historic property under Section 106 NHPA, if applicable. Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the site either: 1) is not a Historical Resource under CEQA or a Historic Property under Section 106; or 2) that the treatment measures have been completed to their satisfaction.
  - If the find includes human remains, or remains that are potentially human, they shall ensure reasonable protection measures are taken to protect the discovery from disturbance (Assembly Bill [AB] 2641). The archaeologist shall notify the San Bernardino County Coroner (per Section 7050.5 of the Health and Safety Code). The provisions of Section 7050.5 of the California Health and Safety Code, Section 5097.98 of the California Public Resources Code (PRC), and AB 2641 will be implemented. If the coroner determines the remains are Native American and not the result of a crime scene, the coroner will notify the NAHC, which then will designate a Native American Most Likely Descendant (MLD) for the Project (Section 5097.98 of the PRC). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (Section 5097.94 of the PRC). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (Section 5097.98 of the PRC). This will also

include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work may not resume within the no-work radius until the lead agencies, through consultation as appropriate, determine that the treatment measures have been completed to their satisfaction.

The lead agency is responsible for ensuring compliance with these mitigation measures. Section 15097 of Title 14, Chapter 3, Article 7 of CEQA, *Mitigation Monitoring or Reporting*, "The public agency shall adopt a program for monitoring or reporting on the revisions which it has required in the Project and the measures it has imposed to mitigate or avoid significant environmental effects. A public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity which accepts the delegation; however, until mitigation measures have been completed the lead agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program."

Thank you for the opportunity to provide these records search and field visit results for the VVBF Project. If you have any questions on this report, please do not hesitate to contact me at 909-307-0046 or via email at [ssifuentes@ecorpconsulting.com](mailto:ssifuentes@ecorpconsulting.com).

Sincerely,



Sonia Sifuentes, M.S., RPA  
Senior Archaeologist

Enclosures:

Appendix A – **Confidential** CHRIS Records Search Results

Appendix B – Native American Coordination

Appendix C – Project Area Photographs

Appendix D – **Confidential** Resource Overview Map

## REFERENCES

Nationwide Environmental Research. 2022. Historic Aerials of the Barstow and Victorville areas from 1952 and Present, NETROnline. [www.historicaerials.com](http://www.historicaerials.com). Accessed on December 20, 2022.

*Confidential* CHRIS Records Search Results

**This appendix contains information on the specific location of cultural resources. This information is not for publication or release to the general public. It is for planning, management, and research purposes only. Information on the specific location of pre-contact and historic sites is exempt from the Freedom of Information Act and California Public Records Act.**

Native American Coordination

## NATIVE AMERICAN HERITAGE COMMISSION

January 5, 2023

Steven Wintergerst  
ECORP Consulting, Inc.Via Email to: [swintergerst@ecorpconsulting.com](mailto:swintergerst@ecorpconsulting.com)

Re: Victor Valley Bioenergy Project, San Bernardino County

Dear Mr. Wintergerst:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information submitted for the above referenced project. The results were positive. Please contact the Chemehuevi Indian Tribe and San Manuel Band of Mission Indians on the attached list for information. Please note that tribes do not always record their sacred sites in the SLF, nor are they required to do so. A SLF search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with a project's geographic area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites, such as the appropriate regional California Historical Research Information System (CHRIS) archaeological Information Center for the presence of recorded archaeological 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. Please contact all of those listed; if they cannot supply information, they may 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: [Cameron.vela@nahc.ca.gov](mailto:Cameron.vela@nahc.ca.gov).

Sincerely,

*Cameron Vela*Cameron Vela  
Cultural Resources Analyst

Attachment

CHAIRPERSON  
Laura Miranda  
LuiseñoVICE CHAIRPERSON  
Reginald Pagaling  
ChumashSECRETARY  
Sara Dutschke  
MiwokCOMMISSIONER  
Isaac Bojorquez  
Ohlone-CostanoanCOMMISSIONER  
Buffy McQuillen  
Yokayo Pomo, Yuki,  
NomlakiCOMMISSIONER  
Wayne Nelson  
LuiseñoCOMMISSIONER  
Stanley Rodriguez  
KumeyaayCOMMISSIONER  
[Vacant]COMMISSIONER  
[Vacant]EXECUTIVE SECRETARY  
Raymond C.  
Hitchcock  
Miwok/NisenanNAHC HEADQUARTERS  
1550 Harbor Boulevard  
Suite 100  
West Sacramento,  
California 95691  
(916) 373-3710  
[nahc@nahc.ca.gov](mailto:nahc@nahc.ca.gov)  
[NAHC.ca.gov](http://NAHC.ca.gov)

**Native American Heritage Commission  
Native American Contact List  
San Bernardino County  
1/5/2023**

**Agua Caliente Band of Cahuilla Indians**

Reid Milanovich, Chairperson  
5401 Dinah Shore Drive Cahuilla  
Palm Springs, CA, 92264  
Phone: (760) 699 - 6800  
Fax: (760) 699-6919  
laviles@aguacaliente.net

**Agua Caliente Band of Cahuilla Indians**

Patricia Garcia-Plotkin, Director  
5401 Dinah Shore Drive Cahuilla  
Palm Springs, CA, 92264  
Phone: (760) 699 - 6907  
Fax: (760) 699-6924  
ACBCI-THPO@aguacaliente.net

**Chemehuevi Indian Tribe**

Sierra Pencille, Chairperson  
P.O. Box 1976 1990 Palo Verde Drive Chemehuevi  
Havasu Lake, CA, 92363  
Phone: (760) 858 - 4219  
Fax: (760) 858-5400  
chairman@cit-nsn.gov

**Gabrielino/Tongva San Gabriel Band of Mission Indians**

Anthony Morales, Chairperson  
P.O. Box 693 Gabrieleno  
San Gabriel, CA, 91778  
Phone: (626) 483 - 3564  
Fax: (626) 286-1262  
GTTribalcouncil@aol.com

**Gabrielino /Tongva Nation**

Sandonne Goad, Chairperson  
106 1/2 Judge John Aiso St., Gabrieleno  
#231  
Los Angeles, CA, 90012  
Phone: (951) 807 - 0479  
sgoad@gabrielino-tongva.com

**Gabrielino Tongva Indians of California Tribal Council**

Robert Dorame, Chairperson  
P.O. Box 490 Gabrielino  
Bellflower, CA, 90707  
Phone: (562) 761 - 6417  
Fax: (562) 761-6417  
gtongva@gmail.com

**Gabrielino Tongva Indians of California Tribal Council**

Christina Conley, Tribal  
Consultant and Administrator  
P.O. Box 941078 Gabrielino  
Simi Valley, CA, 93094  
Phone: (626) 407 - 8761  
christina.marsden@alumni.usc.edu

**Gabrielino-Tongva Tribe**

Charles Alvarez,  
23454 Vanowen Street Gabrielino  
West Hills, CA, 91307  
Phone: (310) 403 - 6048  
roadkingcharles@aol.com

**Kern Valley Indian Community**

Robert Robinson, Chairperson  
P.O. Box 1010 Kawaiisu  
Lake Isabella, CA, 93240 Tubatulabal  
Phone: (760) 378 - 2915 Koso  
bbutterbredt@gmail.com

**Kern Valley Indian Community**

Julie Turner, Secretary  
P.O. Box 1010 Kawaiisu  
Lake Isabella, CA, 93240 Tubatulabal  
Phone: (661) 340 - 0032 Koso

**Kern Valley Indian Community**

Brandy Kendricks,  
30741 Foxridge Court Kawaiisu  
Tehachapi, CA, 93561 Tubatulabal  
Phone: (661) 821 - 1733 Koso  
krazykendricks@hotmail.com

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 Victor Valley Bioenergy Project, San Bernardino County.

**Native American Heritage Commission  
Native American Contact List  
San Bernardino County  
1/5/2023**

**Morongo Band of Mission Indians**

Ann Brierty, THPO  
12700 Pumarra Road  
Banning, CA, 92220  
Phone: (951) 755 - 5259  
Fax: (951) 572-6004  
abrierty@morongo-nsn.gov

Cahuilla  
Serrano

**Morongo Band of Mission Indians**

Robert Martin, Chairperson  
12700 Pumarra Road  
Banning, CA, 92220  
Phone: (951) 755 - 5110  
Fax: (951) 755-5177  
abrierty@morongo-nsn.gov

Cahuilla  
Serrano

**Quechan Tribe of the Fort Yuma Reservation**

Jill McCormick, Historic  
Preservation Officer  
P.O. Box 1899  
Yuma, AZ, 85366  
Phone: (760) 572 - 2423  
historicpreservation@quechantribe.com

Quechan

**Quechan Tribe of the Fort Yuma Reservation**

Manfred Scott, Acting Chairman  
Kw'ts'an Cultural Committee  
P.O. Box 1899  
Yuma, AZ, 85366  
Phone: (928) 750 - 2516  
scottmanfred@yahoo.com

Quechan

**San Fernando Band of Mission Indians**

Donna Yocum, Chairperson  
P.O. Box 221838  
Newhall, CA, 91322  
Phone: (503) 539 - 0933  
Fax: (503) 574-3308  
ddyocum@comcast.net

Kitanemuk  
Vanyume  
Tataviam

**San Manuel Band of Mission Indians**

Jessica Mauck, Director of  
Cultural Resources  
26569 Community Center Drive  
Highland, CA, 92346  
Phone: (909) 864 - 8933  
Jessica.Mauck@sanmanuel-nsn.gov

Serrano

**Serrano Nation of Mission Indians**

Mark Cochrane, Co-Chairperson  
P. O. Box 343  
Patton, CA, 92369  
Phone: (909) 528 - 9032  
serranonation1@gmail.com

Serrano

**Serrano Nation of Mission Indians**

Wayne Walker, Co-Chairperson  
P. O. Box 343  
Patton, CA, 92369  
Phone: (253) 370 - 0167  
serranonation1@gmail.com

Serrano

**Twenty-Nine Palms Band of Mission Indians**

Darrell Mike, Chairperson  
46-200 Harrison Place  
Coachella, CA, 92236  
Phone: (760) 863 - 2444  
Fax: (760) 863-2449  
29chairman@29palmsbomi-nsn.gov

Chemehuevi

**Twenty-Nine Palms Band of Mission Indians**

Anthony Madrigal, Tribal Historic  
Preservation Officer  
46-200 Harrison Place  
Coachella, CA, 92236  
Phone: (760) 775 - 3259  
amadrigal@29palmsbomi-nsn.gov

Chemehuevi

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 Victor Valley Bioenergy Project, San Bernardino County.

## **APPENDIX C**

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Project Area Photographs





IMG\_1814



IMG\_1815



IMG\_1816



IMG\_1817



IMG\_1818



IMG\_1819



IMG\_1820



IMG\_1821



IMG\_1822



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IMG\_1812



IMG\_1813











**This appendix contains information on the specific location of cultural resources. This information is not for publication or release to the general public. It is for planning, management, and research purposes only. Information on the specific location of pre-contact and historic sites is exempt from the Freedom of Information Act and California Public Records Act.**

**APPENDIX 4**

**GEOTECHNICAL INVESTIGATION**

# Patel & Associates, Inc.

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August 25, 2020

Project No. V20037-10

## Anaergia Technologies, LLC

5780 Fleet Street Suite 310

Carlsbad, CA 92008

Subject: **Preliminary Geotechnical Interpretive Report, Proposed Expansion of the Victorville Sewage Treatment Plant, Assessor's Parcel Number 0468-111-13, Located at 20111 Shay Road, City of Victorville, San Bernardino County, California.**

Patel & Associates, Inc. is pleased to present our preliminary geotechnical interpretive report for the proposed Victorville sewage treatment plant expansion, located at 20111 Shay Road in the City of Victorville, San Bernardino County, California. The purpose of this study is to evaluate the nature, distribution, engineering properties, and geologic strata underlying the site with respect to the proposed development.

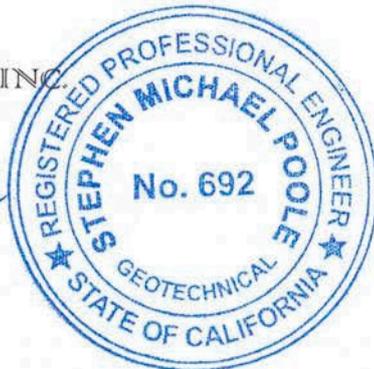
Patel & Associates appreciates the opportunity to offer our consultation and advice on this project. In the event that you have any questions, please do not hesitate to contact the undersigned at your earliest convenience.

Respectfully submitted,

PATEL & ASSOCIATES, INC.



Stephen M. Poole, PE, GE  
President  
Principal Engineer



SMP/bhg

Distribution: (2) Addressee

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Attachments:

- Figure 1 – Vicinity Map (Page 2)
- APPENDIX A – References (Rear of Text)
- APPENDIX B – Exploratory Logs (Rear of Text)
- APPENDIX C – Laboratory Procedures and Test Results (Rear of Text)
- APPENDIX D – Seismicity (Rear of Text)
- APPENDIX E – General Earthwork and Grading Specifications (Rear of Text)
- Plate 1 – Geotechnical Map (Rear of Text)

## INTRODUCTION

Patel & Associates is pleased to present our preliminary geotechnical interpretive report for the proposed development. The purpose of this study was to evaluate the nature, distribution, engineering properties, and geologic strata underlying the site with respect to the proposed development, and then provide preliminary grading and foundation design recommendations based on the plans you provided. The general location of the subject property is indicated on the Vicinity Map, Figure 1. The plans you provided were used as the base map to show geologic conditions within the subject site, see Geotechnical Map, Plate 1.

## SITE DESCRIPTION

The subject property is located at 20111 Shay Road in the City of Victorville, San Bernardino County, California. The approximate location of the site is shown on the Vicinity Map, Figure 1.

The subject site is a developed parcel of land consisting of a sewer plant. The site has minimum vegetation.

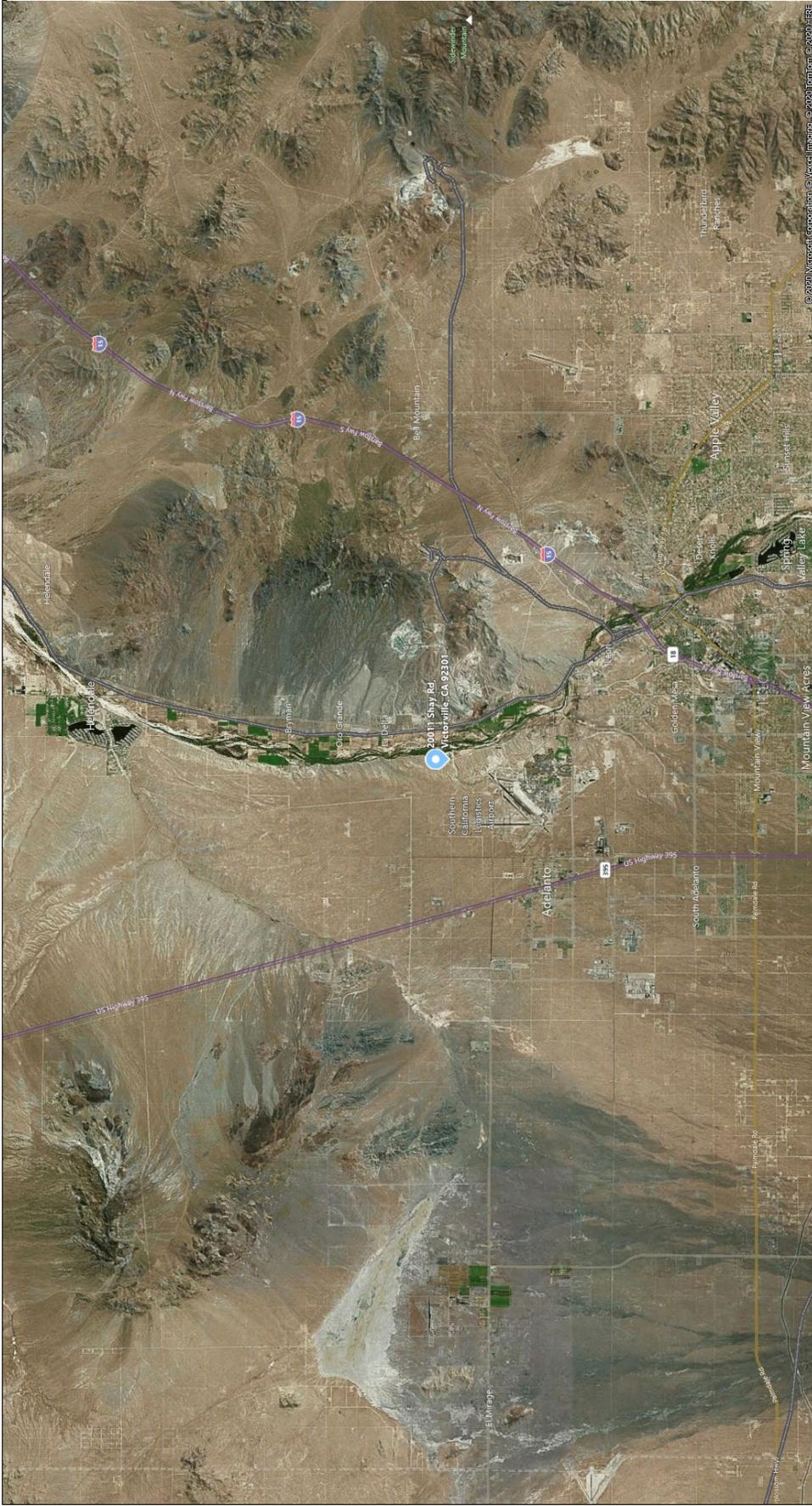
## PROPOSED DEVELOPMENT AND GRADING

The proposed expansion of the Victorville sewage treatment plant development is expected to consist of concrete, wood or steel framed two-story structures utilizing slab on grade construction with associated streets, landscape areas, and utilities. The current development plans include numerous structures positioned throughout the site. The following structures are proposed to be constructed:

<u>Proposed Structure</u>	<u>Weight, lbs</u>	<u>Closest Soil Boring</u>
Product Gas Compressor	10,000	Boring No. 1, 2 and 5
Guard Vessels	100,000	Boring No. 1, 2 and 5
Feed Gas Compressor	50,000	Boring No. 1, 2 and 5
Membrane Skid	64,000	Boring No. 1, 2 and 5
H25 Vessels	50,000	Boring No. 1, 2 and 5
Biogas Blower Skid	14,500	Boring No. 1, 2 and 5
Storage Tank No. 3	450,000	Boring No. 3
Two Reception Skids	15,000	Boring No. 3
Storage Tank No. 2	110,000	Boring No. 3

The plans provided by you were utilized in our exploration and form the base for our Geotechnical Map, Plate 1.

Formal plans have not been prepared and await the conclusions and recommendations of this report.



Vicinity Map (Figure 1)

V20037-10

8/18/2020

Patel & Associates, Inc.

## **FIELD EXPLORATION AND LABORATORY TESTING**

### **Field Exploration**

Subsurface exploration within the subject site was performed on August 14, 2020 for the exploratory excavations. A truck mounted hollow-stem-auger drill rig was utilized to drill five (5) borings throughout the site to a maximum depth of 26.5 feet. An underground utilities clearance was obtained from Underground Service Alert of Southern California, prior to the subsurface exploration.

Earth materials encountered during exploration were classified and logged in general accordance with the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) of ASTM D 2488. Upon completion of laboratory testing, exploratory logs and sample descriptions may have been reconciled to reflect laboratory test results with regard to ASTM D 2487.

Associated with the subsurface exploration was the collection of bulk (disturbed) samples and relatively undisturbed samples of earth materials for laboratory testing and analysis. The relatively undisturbed samples were obtained with a 3 inch outside diameter modified California split-spoon sampler lined with 1-inch-high brass rings. Samples obtained using a hollow stem auger drill rig, were mechanically driven with successive 30 inch drops of a 140-pound automatic trip safety hammer. The blow count per one-foot increment was recorded in the boring logs. The central portions of the driven samples were placed in sealed containers and transported to our laboratory for testing and analysis. The approximate exploratory locations are shown on Plate 1 and descriptive logs are presented in Appendix B.

### **Laboratory Testing**

Maximum dry density/optimum moisture content, expansion potential, pH, resistivity, sulfate content, chloride content, and in-situ density/moisture content were determined for selected undisturbed and bulk samples of earth materials, considered representative of those encountered. An evaluation of the test data is reflected throughout the Conclusions and Recommendations section of this report. A brief description of laboratory test criteria and summaries of test data are presented in Appendix C.

## **FINDINGS**

### **Regional Geology**

#### **Mojave Desert Province**

Regionally, the site is located in the Mojave Desert Province of California. The Mojave Desert Province is located in the southeastern corner of the state with the left lateral, vertical Garlock Fault making up the northern boundary of the province. The province is characterized by a more subdued topography due to extensive and deeper erosion than the Basin and Range Province. Due to a greater predominance of alluvial cover, the Mojave Desert Province has fewer exposures of all bedrock units, and a lack of the extension that has affected the Basin and Range Province. The topography is primarily a result of climatic changes during the last million years which are largely responsible for most landscape features in the Mojave region today. The character of modern alluvial fans, pediment surfaces, and playas, and the vegetation they support, reflect conditions that have evolved primarily within the past several thousand years. In addition to

climate, the physical characteristics of the modern topographic features are tied to the properties of bedrock and tectonic history of any particular location.

### **Local Geology**

The earth materials on the site are primarily comprised of artificial fill, topsoil, Quaternary alluvial materials. A general description of the dominant earth materials observed on the site is provided below:

Qa: Quaternary Alluvium materials mainly consists of brown, orangish brown, olive brown, reddish brown, tan, light olive, olive, slightly moist to moist, medium dense to very dense, Silty SAND to poorly graded SAND with Silt.

### **Faulting**

The project is located in a seismically active region and as a result, significant ground shaking will likely impact the site within the design life of the proposed project. The geologic structure of the entire southern California area is dominated by northwest-trending faults associated with the San Andreas Fault system, which accommodates for most of the right lateral movement associated with the relative motion between the Pacific and North American tectonic plates. Known active faults within this system include the Newport-Inglewood, Whittier-Elsinore, San Jacinto and San Andreas Faults.

No active faults are known to project through the site and the site is not located within an Alquist-Priolo Earthquake Fault Zone, established by the State of California to restrict the construction of new habitable structures across identifiable traces of known active faults. An active fault is defined by the State of California as having surface displacement within the past 11,000 years or during the Holocene geologic time period. Based on our mapping of the subject site, review of current and historical aerial imagery, lack of lineaments indicative of active faulting, and the data compiled during the preparation of this report, it is our interpretation that the potential for surface rupture to adversely impact the proposed structures is very low to remote.

Based on our review of regional geologic maps and applicable computer programs (USGS 2008 Interactive Deaggregation, Caltrans ARS online, and USGS Earthquake Hazard Programs), the Helendale-SO Lockhart Fault with an approximate source to site distance of 15 kilometers is the closest known active fault anticipated to produce the highest ground accelerations, with an anticipated maximum modal magnitude of 7.3. A list of faults as well as a list of significant historical seismic events within a 100km radius of the subject site are included in Appendix D.

### **Landslides**

Landslide debris was not observed during our subsurface exploration and no ancient landslides are known to exist on the site. No landslides are known to exist, or have been mapped, in the vicinity of the site. Geologic mapping of the site conducted during our investigation, and review of aerial imagery of the site, reveal no geomorphic expressions indicative of landsliding. The materials encountered in the pad area were found to be very hard and no oversteepened slopes exist on the site or are proposed.

## **CONCLUSIONS AND RECOMMENDATIONS**

### **General**

From geotechnical and engineering geologic points of view, the subject property is considered suitable for the proposed development, provided the following conclusions and recommendations are incorporated into the plans and are implemented during construction.

### **Earthwork**

#### **Earthwork and Grading**

The provisions of the 2019 California Building Code (CBC), including the General Earthwork and Grading Specifications in the last Appendix of this report, should be applied to all earthwork and grading operations, as well as in accordance with all applicable grading codes and requirements of the appropriate reviewing agency. Unless specifically revised or amended herein, grading operations should also be performed in accordance with applicable provisions of our General Earthwork and Grading Specifications within the last appendix of this report.

#### **Clearing and Grubbing**

Vegetation including trees, grasses, weeds, brush, shrubs, or any other debris should be stripped from the areas to be graded and properly disposed of offsite. In addition, laborers should be utilized to remove any roots, branches, or other deleterious materials during grading operations.

Patel & Associates should be notified at the appropriate times to provide observation and testing services during Clearing and Grubbing operations. Any buried structures or unanticipated conditions should be brought to our immediate attention.

#### **Excavation Characteristics**

Based on the results of our exploration and experience with similar projects in similar settings, the near surface earth materials, will be readily excavated with conventional earth moving equipment.

#### **Groundwater**

Groundwater was not observed during our subsurface exploration. It should be noted that localized groundwater could be encountered during grading due to the limited number of exploratory locations or other factors.

#### **Ground Preparation for Fill Areas**

For each area to receive compacted fill, the removal of low density, compressible earth materials, such as topsoil, upper alluvial materials, and undocumented artificial fill, should continue until firm competent alluvium is encountered. Removal excavations are subject to verification by the project

engineer, geologist or their representative. Prior to placing compacted fills, the exposed bottom in each removal area should be scarified to a depth of 6 inches or more, watered or air dried as necessary to achieve near optimum moisture conditions and then compacted to a minimum of 90 percent of the maximum dry density determined by ASTM D 1557.

The intent of remedial grading is to diminish the potential for hydro-consolidation, slope instability, and/or settlement. Remedial grading should extend beyond the perimeter of the proposed structures a horizontal distance equal to the depth of excavation or a minimum of 5 feet, whichever is greater. For cursory purposes the anticipated removal depths are shown on the enclosed Geotechnical Map, Plate 1. In general, the anticipated removal depths should vary from 4 to 6 feet below existing grade.

### **Wet Removals**

Wet alluvial materials will probably not be encountered within the low lying areas of the site. If removals of wet alluvial materials are required, special grading equipment and procedures can greatly reduce overall costs. Careful planning by an experienced grading contractor can reduce the need for special equipment, such as swamp cats, draglines, excavators, pumps, and top loading earthmovers. Possible solutions may include the placement of imported angular rock and/or geotextile ground reinforcement. More specific recommendations can be provided based on the actual conditions encountered. Drying or mixing of wet materials with dry materials will be needed to bring the wet materials to near optimum moisture prior to placing wet materials into compacted fills.

### **Oversize Rock**

Oversize rock is not expected to be encountered during grading. Oversize rock that is encountered (i.e., rock exceeding a maximum dimension of 12 inches) should be disposed of offsite or stockpiled onsite and crushed for future use. The disposal of oversize rock is discussed in greater detail in General Earthwork and Grading Specifications within the last appendix of this report.

### **Compacted Fill Placement**

Compacted fill materials should be placed in 6 to 8 inch maximum (uncompacted) lifts, watered or air dried as necessary to achieve uniform near optimum moisture content and then compacted to a minimum of 90 percent of the maximum dry density determined by ASTM D 1557.

### **Import Earth Materials**

Should import earth materials be needed to achieve final design grades, all potential import materials should be free of deleterious/oversize materials, non-expansive, and approved by the project geotechnical consultant prior to delivery onsite.

### **Fill Slopes**

When properly constructed, fill slopes up to 10 feet high with inclinations of 2:1 (h:v) or flatter are considered to be grossly stable. Keyways are required at the toe of all fill slopes higher than 5 feet

and steeper than 5:1 (h:v). Keyways should be a minimum of 10 feet wide and 2 feet into competent earth materials, as measured on the downhill side. In order to establish keyway removals, backcuts should be cut no steeper than 1:1 or as recommended by the geotechnical engineer or engineering geologist. Compacted fill should be benched into competent earth materials.

### **Cut Slopes**

When properly constructed, cut slopes into older alluvium up to 10 feet high with inclinations of 2:1 (h:v) or flatter are considered grossly stable. Cut slopes should be observed by the engineering geologist or his representative during grading, but are anticipated to be stable.

### **Stabilization Fills**

Currently, stabilization fills will not be required for cut slopes in the alluvium. Our engineering geologist or his representative should be called to evaluate all slopes during grading. In the event that unfavorable geologic conditions are encountered, recommendations for stabilization fills or flatter slopes will be provided.

### **Fill Over Cut Slopes**

The fill portion of fill over cut slopes should not be constructed until the cut portion of the slope has been cut to finish grade. The earth materials and geologic structure exposed along the cut slope should be evaluated with regard to suitability for compacted fills or foundations and for stability. If the cut materials are determined to be competent, then the construction of the keyway and subdrain system may commence or additional remedial recommendations will be provided.

### **Temporary Backcuts**

It is the responsibility of the grading contractor to follow all Cal-OSHA requirements with regard to excavation safety. Where existing developments are upslope, adequate slope stability to protect those developments must be maintained. Temporary backcuts will be required to accomplish removals of unsuitable materials and possibly, to perform canyon removals, stabilization fills, and/or keyways. Backcuts should be excavated at a gradient of 1:1 (h:v) or flatter. Flatter backcuts may be required where geologic structure or earth materials are unfavorable. It is imperative that grading schedules minimize the exposure time of the unsupported excavations. All excavations should be stabilized within 30 days of initial excavation.

### **Slot Cuts and Temporary Shoring**

Vertical excavations removing support from existing structures will require the use of temporary shoring or slot cutting (ABC method). Temporary shoring should be designed for an equivalent fluid pressure of 40 pounds per cubic foot plus the overburden weight.

The slot cutting method uses the earth as a buttress and allows the excavation to proceed in phases. The initial excavation is made at a slope of 1:1. Alternate slots of 10 to feet in width may be worked. The remaining earth buttresses should be 10 to 15 feet in width. The retaining wall should be

completed and backfilled in the slots before the "B" earth buttresses are excavated. The "C" earth buttresses may be excavated upon completion of the walls and backfilling of the "B" areas.

The geologist should be present during grading to see temporary slopes. It is imperative that grading schedules minimize the exposure time of the unsupported excavations. All excavations should be stabilized within 30 days of initial excavation. Water should not be allowed to pond on top of the excavations nor to flow toward it.

### **Cut/Fill Transitions**

Cut/fill transitions should be eliminated from all building areas where the depth of fill placed within the "fill" portion exceeds proposed footing depths. This is to diminish distress to structures resulting from excessive differential settlement. The entire foundation of each structure should be founded on a uniform bearing material. This should be accomplished by overexcavating the "cut" portion and replacing the excavated materials as properly compacted fill. Refer to the following table for recommended depths of overexcavation.

<b>DEPTH OF FILL ("fill" portion)</b>	<b>DEPTH OF OVEREXCAVATION ("cut" portion)</b>
Up to 5 feet	Equal Depth
5 to 10 feet	5 feet
Greater than 10 feet	One-half the thickness of fill placed on the "fill" portion (10 feet maximum)

Overexcavation of the "cut" portion should extend beyond the building perimeter a horizontal distance equal to the depth of overexcavation or a minimum of 5 feet, whichever is greater.

### **Cut Areas**

In cut areas, an area a minimum of 5 feet beyond the footprint of the proposed structures should overexcavated until; competent bottoms are achieved; to a minimum 3 feet below the proposed foundations; or per the Overexcavation Table above; (whichever is greater) and replaced with compacted fill. Final determination of areas that require overexcavation should be determined in the field by a representative of Patel & Associates.

### **Shrinkage, Bulking and Subsidence**

Volumetric changes in earth material quantities will occur when poorly consolidated earth materials are replaced with properly compacted fill. Estimates of the percent shrinkage/bulking factors for the various geologic units observed on the subject property are based on in-place densities and on the estimated average percent of relative compaction achieved during grading.

<b>GEOLOGIC UNIT</b>	<b>SHRINKAGE (%)</b>
Artificial Fill	10 to 15
Alluvium	10 to 15

Subsidence from scarification and recompaction of exposed bottom surfaces is expected to be negligible to approximately 0.01 foot.

The estimates of shrinkage/bulking and subsidence are intended as an aid for project engineers in determining earthwork quantities. Since many variables can affect the accuracy of these estimates, they should be used with caution and contingency plans should be in place for balancing the project.

### **Geotechnical Observations**

Clearing operations, removal of unsuitable materials, and general grading procedures should be observed by the project geotechnical consultant or his representative. No compacted fill should be placed without observations by the geotechnical consultant or his representative to verify the adequacy of the removals.

The project geotechnical consultant or his representative should be present to observe grading operations and to check that minimum compaction requirements and proper lift thicknesses are being met, as well as to verify compliance with the other recommendations presented herein.

### **Post Grading Considerations**

#### **Slope Landscaping and Maintenance**

Adequate slope and building pad drainage is essential for the long term performance of the subject site. The gross stability of graded slopes should not be adversely affected, provided all drainage provisions are properly constructed and maintained. Engineered slopes should be landscaped with deep rooted, drought tolerant maintenance free plant species, as recommended by the project landscape architect.

#### **Site Drainage**

Control of site drainage is important for the performance of the proposed project. Roof gutters are recommended for the proposed structures. Pad and roof drainage should be collected and transferred to driveways, adjacent streets, storm-drain facilities, or other locations approved by the building official in non-erosive drainage devices. Drainage should not be allowed to pond on the pad or against any foundation or retaining wall. Drainage should not be allowed to flow uncontrolled over any descending slope. Planters located within retaining wall backfill should be sealed to prevent moisture intrusion into the backfill. Planters located next to structures should be sealed to the depth of the footings. Drainage control devices require periodic cleaning, testing and maintenance to remain effective.

At a minimum, pad drainage should be designed at the minimum gradients required by the CBC. To divert water away from foundations, the ground surface adjacent to foundations should also be graded at the minimum gradients required per the CBC.

## **Utility Trenches**

All utility trench backfill should be compacted at near optimum moisture to a minimum of 90 percent of the maximum dry density determined by ASTM D 1557. For utility trench backfill within pavement areas the upper 6 inches of subgrade materials should be compacted to 95 percent of the maximum dry density determined by ASTM D 1557. This includes within the street right-of-ways, utility easements, under footings, sidewalks, driveways and building floor slabs, as well as within or adjacent to any slopes. Backfill should be placed in approximately 6 to 8 inch maximum loose lifts and then mechanically compacted with a hydro-hammer, rolling with a sheepsfoot, pneumatic tampers, or similar equipment. The utility trenches should be tested by the project geotechnical engineer or their representative to verify minimum compaction requirements are obtained.

In order to minimize the penetration of moisture below building slabs, all utility trenches should be backfilled with compacted fill, lean concrete or concrete slurry where they undercut the perimeter foundation. Utility trenches that are proposed parallel to any building footings (interior and/or exterior trenches), should not be located within a 1:1 (h:v) plane projected downward from the outside bottom edge of the footing.

## **SEISMIC DESIGN CONSIDERATIONS**

### **Ground Motions**

Structures are required to be designed and constructed to resist the effects of seismic ground motions as provided in the 2019 California Building Code Section 1613. The design is dependent on the site class, occupancy category I, II, III, or IV, mapped spectral accelerations for short periods ( $S_s$ ), and mapped spectral acceleration for a 1-second period ( $S_1$ ).

In order for structural design to comply with the 2019 CBC, the USGS "US Seismic Design Maps" online tool was used to compile spectral accelerations for the subject property based on data and maps jointly compiled by the United States Geological Survey (USGS) and the California Geological Survey (CGS). The data found in the following table is based on the Maximum Considered Earthquake (MCE) with 5% damped ground motions having a 2% probability of being exceeded in 50 years (2,475 year return period).

The seismic design coefficients were determined by a combination of the site class, mapped spectral accelerations, and occupancy category. The following seismic design coefficients should be implemented during design of the proposed structures. Summaries of the Seismic Hazard Deaggregation graphs and test data are presented in Appendix D.

2019 CBC	FACTOR
Site Location	Latitude: 34.6150084° (North) Longitude: -117.3574463° (West)
Site Class	D
Mapped Spectral Accelerations for short periods, $S_s$	1.007g
Mapped Spectral Accelerations for 1-Second Period, $S_1$	0.394g
Maximum Considered Earthquake Spectral Response Acceleration for Short Periods, $S_{ms}$	1.209g
Maximum Considered Earthquake Spectral Response Acceleration for 1-Second Period, $S_{m1}$	Null
Design Spectral Response Acceleration for Short Periods, $S_{DS}$	0.806
Design Spectral Response Acceleration for 1-Second Period, $S_{D1}$	Null
Seismic Design Category	D
Importance Factor Based on Occupancy Category	II

We performed the probabilistic seismic hazard assessment for the site in accordance with the 2019 CBC, Section 1803.5.11 and 1803.5.12. The probabilistic seismic hazard maps and data files were jointly prepared by the United States Geological Survey (USGS) and the California Geological Survey (CGS) and can be found at the CGS Probabilistic Seismic Hazards Mapping Ground Motion Page. Actual ground shaking intensities at the site may be substantially higher or lower based on complex variables such as the near source directivity effects, depth and consistency of earth materials, topography, geologic structure, direction of fault rupture, and seismic wave reflection, refraction, and attenuation rates. The mean peak ground acceleration was calculated to be 0.434g.

### **Secondary Seismic Hazards**

Secondary effects of seismic shaking considered as potential hazards include several types of ground failure as well as induced flooding. Different types of ground failure, which could occur as a consequence of severe ground shaking at the site, include landslides, ground lurching, shallow ground rupture, and liquefaction/lateral spreading. The probability of occurrence of each type of ground failure depends on the severity of the earthquake, distance from faults, topography, the state of subsurface earth materials, groundwater conditions, and other factors. Based on our experience, subsurface exploration, and laboratory testing, all of the above secondary effects of seismic activity are considered unlikely.

Seismically induced flooding is normally a consequence of a tsunami (seismic sea wave), a seiche (i.e., a wave-like oscillation of surface water in an enclosed basin that may be initiated by a strong earthquake) or failure of a major reservoir or retention system up gradient of the site. Since the site is at an elevation of more than 2,600 feet above mean sea level and is located more than 70 miles inland from the nearest coastline of the Pacific Ocean, the potential for seismically induced flooding due to a tsunami is considered nonexistent. Since no enclosed bodies of water lie adjacent to or up gradient of the site, the likelihood for induced flooding due to a dam failure or a seiche overcoming the dam's freeboard is considered nonexistent.

## **Liquefaction and Lateral Spreading**

Liquefaction occurs as a result of a substantial loss of shear strength or shearing resistance in loose, saturated, cohesionless earth materials subjected to earthquake induced ground shaking. Potential impacts from liquefaction include loss of bearing capacity, liquefaction related settlement, lateral movements, and surface manifestation such as sand boils. Seismically induced settlement occurs when loose sandy soils become denser when subjected to shaking during an earthquake. The three factors determining whether a site is likely to be subject to liquefaction include seismic shaking, type and consistency of earth materials, and groundwater level. The proposed structures will be supported by compacted fill and competent alluvium. As such, the potential for earthquake induced liquefaction and lateral spreading beneath the proposed structures is considered very low to remote due to the recommended compacted fill, relatively low groundwater level, and the dense nature of the deeper onsite earth materials.

## **TENTATIVE FOUNDATION DESIGN RECOMMENDATIONS**

### **General**

Provided grading is performed in accordance with the recommendations of this report, shallow foundations are considered feasible for support of the proposed structures. Tentative foundation recommendations are provided herein and graphic presentations of relevant recommendations may also be included on the enclosed map.

### **Allowable Bearing Values**

An allowable bearing value of 2,500 pounds per square foot (psf) is recommended for design of 24-inch square pad footings and 12-inch-wide continuous footings founded at a minimum depth of 12 inches below the lowest adjacent final grade. This value may be increased by 20 percent for each additional 1-foot of width and/or depth to a maximum value of 3,000 psf. Recommended allowable bearing values include both dead and frequently applied live loads and may be increased by one third when designing for short duration wind or seismic forces.

### **Settlement**

Based on the settlement characteristics of the earth materials that underlie the building sites and the anticipated loading, we estimate that the maximum total settlement of the footings will be less than approximately  $\frac{3}{4}$  inch. Differential settlement is expected to be about  $\frac{1}{2}$  inch over a horizontal distance of approximately 20 feet, for an angular distortion ratio of 1:480. It is anticipated that the majority of the settlement will occur during construction or shortly after the initial application of loading.

The above settlement estimates are based on the assumption that the grading and construction are performed in accordance with the recommendations presented in this report and that the project geotechnical consultant will observe or test the earth material conditions in the footing excavations.

## **Lateral Resistance**

Passive earth pressure of 250 psf per foot of depth to a maximum value of 2,500 psf may be used to establish lateral bearing resistance for footings. For areas covered with hardscape, passive earth pressure may be taken from the surface. For areas without hardscape, the first 12 inches of the soil profile must be neglected when calculating passive earth pressure. A coefficient of friction of 0.36 times the dead load forces may be used between concrete and the supporting earth materials to determine lateral sliding resistance. The above values may be increased by one-third when designing for short duration wind or seismic forces. When combining passive and friction for lateral resistance, the passive component should be reduced by one third. In no case shall the lateral sliding resistance exceed one-half the dead load for clay, sandy clay, sandy silty clay, silty clay, and clayey silt.

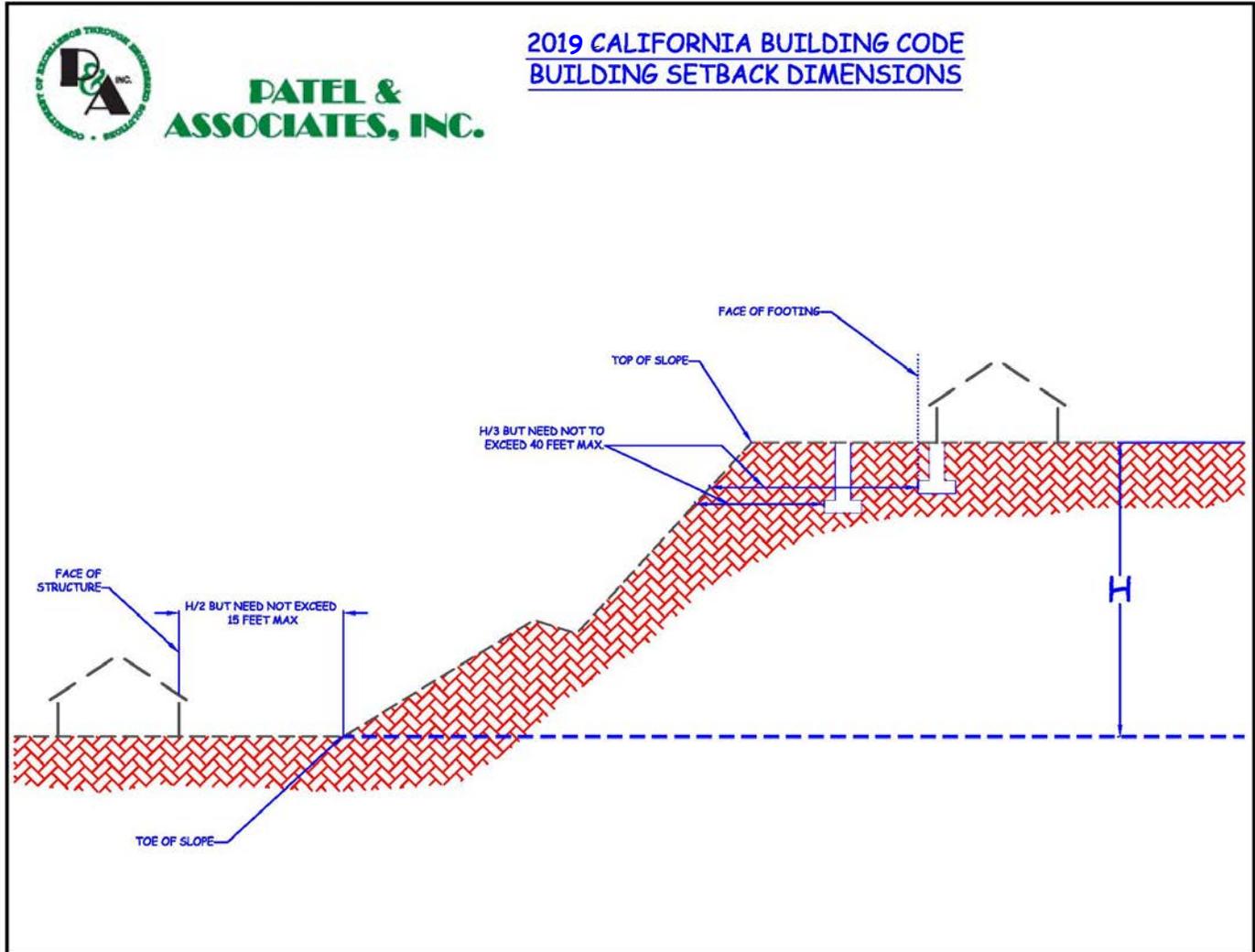
The above lateral resistance values are based on footings for an entire structure being placed directly against either compacted fill or competent alluvium.

## **Structural Setbacks and Building Clearance**

Structural setbacks are required per the 2019 California Building Code (CBC). Additional structural setbacks are not required due to geologic or geotechnical conditions within the site. Improvements constructed in close proximity to natural or properly engineered and compacted slopes can, over time, be affected by natural processes including gravity forces, weathering, and long term secondary settlement. As a result, the CBC requires that buildings and structures be setback or footings deepened to resist the influence of these processes.

For structures that are planned near ascending and descending slopes, the footings should be embedded to satisfy the requirements presented in the CBC, Section 1808.7 as illustrated in the following Foundation Clearances from Slopes diagram.

## FOUNDATION CLEARANCES FROM SLOPES



When determining the required clearance from ascending slopes with a retaining wall at the toe, the height of the slope shall be measured from the top of the wall to the top of the slope.

### **Foundation Observations**

In accordance with the 2019 CBC and prior to the placement of forms, concrete, or steel, all foundation excavations should be observed by the geologist, engineer, or his representative to verify that they have been excavated into competent bearing materials. The excavations should be per the approved plans, moistened, cleaned of all loose materials, trimmed neat, level, and square. Any moisture softened earth materials should be removed prior to steel or concrete placement.

Earth materials from foundation excavations should not be placed in slab on grade areas unless the materials are tested for expansion potential and compacted to a minimum of 90 percent of the maximum dry density.

## **Expansive Soil Considerations**

Preliminary laboratory test results indicate onsite earth materials exhibit an expansion potential of **VERY LOW** as classified in accordance with 2019 CBC Section 1803.5.3 and ASTM D 4829. Additional, testing for expansive soil conditions should be conducted upon completion of rough grading. The following recommendations should be considered the very minimum requirements, for the earth materials tested. It is common practice for the project architect or structural engineer to require additional slab thickness, footing sizes, and/or reinforcement.

### **Very Low Expansion Potential (Expansion Index of 20 or Less)**

Our laboratory test results indicate that the earth materials onsite exhibit a **VERY LOW** expansion potential as classified in accordance with 2019 CBC Section 1803.5.3 and ASTM D 4829. Since the onsite earth materials exhibit expansion indices of 20 or less, the design of slab on ground foundations is exempt from the procedures outlined in Section 1808.6.1 or 1808.6.2.

#### **Footings**

- Exterior continuous footings may be founded at the minimum depths below the lowest adjacent final grade (i.e. 12-inch minimum depth for one-story, 18-inch minimum depth for two-story, and 24-inch minimum depth for three-story construction). Interior continuous footings for one-, two-, and three-story construction may be founded at a minimum depth of 12 inches below the lowest adjacent final grade. All continuous footings should have a minimum width of 12, 15, and 18 inches, for one-, two-, and three-story structures, respectively per Table 1809.7 of the 2016 CBC, and should be reinforced with a minimum of four (4) No. 4 bars, two (2) top and two (2) bottom.
- Exterior pad footings intended to support roof overhangs, such as second story decks, patio covers and similar construction should be a minimum of 24 inches square and founded at a minimum depth of 18 inches below the lowest adjacent final grade. No special reinforcement of the pad footings will be required.

#### **Building Floor Slabs**

- Building floor slabs should be a minimum of 5 inches thick and reinforced with a minimum of No. 3 bars spaced a maximum of 18 inches on center, each way. All floor slab reinforcement should be supported on concrete chairs or bricks to ensure the desired placement at mid-depth.
- Interior floor slabs, within moisture sensitive areas, should be underlain by a minimum 10-mil thick moisture/vapor barrier to help reduce the upward migration of moisture from the underlying earth materials. The moisture/vapor barrier used should meet the performance standards of an ASTM E 1745 Class A material, and be properly installed in accordance with ACI publication 318. It is the responsibility of the contractor to ensure that the moisture/vapor barriers are free of openings, rips, or punctures prior to placing concrete. As an option for additional moisture reduction, higher strength concrete, such as a minimum 28-day compressive strength of 5,000 pounds per square inch (psi) may be used. Ultimately, the design of the moisture/vapor barrier system and recommendations for concrete placement and curing

are the purview of the foundation engineer, taking into consideration the project requirements provided by the architect and owner.

- Garage floor slabs should be a minimum of 5 inches thick and should be reinforced in a similar manner as living area floor slabs. Garage floor slabs should be placed separately from adjacent wall footings with a positive separation maintained with  $\frac{3}{8}$  inch minimum felt expansion joint materials and quartered with weakened plane joints. A 12-inch-wide turn down founded at the same depth as adjacent footings should be provided across garage entrances. The turn down should be reinforced with a minimum of four (4) No. 4 bars, two (2) top and two (2) bottom.
- The subgrade earth materials below all floor slabs should be pre-watered to promote uniform curing of the concrete and minimize the development of shrinkage cracks, prior to placing concrete. The pre-watering should be verified by Patel & Associates during construction.

### **Corrosivity**

Corrosion is defined by the National Association of Corrosion Engineers (NACE) as “a deterioration of a substance or its properties because of a reaction with its environment.” From a geotechnical viewpoint, the “substances” are the reinforced concrete foundations or buried metallic elements (not surrounded by concrete) and the “environment” is the prevailing earth materials in contact with them. Many factors can contribute to corrosivity, including the presence of chlorides, sulfates, salts, organic materials, different oxygen levels, poor drainage, different soil types, and moisture content. It is not considered practical or realistic to test for all of the factors which may contribute to corrosivity.

The potential for concrete exposure to chlorides is based upon the recognized Caltrans reference standard “Bridge Design Specifications”, under Subsection 8.22.1 of that document, Caltrans has determined that “Corrosive water or soil contains more than 500 parts per million (ppm) of chlorides”. Based on limited preliminary laboratory testing, the onsite earth materials have chloride contents *less* than 500 ppm. As such, specific requirements resulting from elevated chloride contents are not required.

Specific guidelines for concrete mix design are provided in 2019 CBC Section 1904.1 and ACI 318, Section 4.3 Table 4.3.1 when the soluble sulfate content of earth materials exceeds 0.1 percent by weight. Based on limited preliminary laboratory testing, the onsite earth materials are classified in accordance with Table 4.3.1 as having a *negligible* sulfate exposure condition. Therefore, structural concrete in contact with onsite earth materials should utilize Type I or II.

Based on our laboratory testing of resistivity, the onsite earth materials in contact with buried steel should be considered *mildly corrosive*. Additionally, pH values below 5.6 and above 9.1 are recognized as being corrosive to many common metallic components. The pH values for the earth materials tested were *lower* than 9.1 and *higher* than 5.6.

The preliminary test results for corrosivity are based on limited samples, and the initiation of grading may blend various earth materials together. This blending or imported material could alter and increase the detrimental properties of the onsite earth materials. Accordingly, additional testing for chlorides and sulfates along with testing for pH and resistivity should be performed upon completion of grading. Laboratory test results are presented in Appendix C.

## RETAINING WALLS

### Active and At-Rest Earth Pressures

Foundations may be designed in accordance with the recommendations provided in the Tentative Foundation Design Recommendation section of this report. The following table provides the minimum recommended equivalent fluid pressures for design of retaining walls a maximum of 8 feet high. The active earth pressure should be used for design of unrestrained retaining walls, which are free to tilt slightly. The at-rest earth pressure should be used for design of retaining walls that are restrained at the top, such as basement walls, curved walls with no joints, or walls restrained at corners. For curved walls, active pressure may be used if tilting is acceptable and construction joints are provided at each angle point and at a minimum of 15 foot intervals along the curved segments.

MINIMUM STATIC EQUIVALENT FLUID PRESSURES (pcf)		
PRESSURE TYPE	BACKSLOPE CONDITION	
	LEVEL	2:1 (h:v)
Active Earth Pressure	40	63
At-Rest Earth Pressure	60	95

The retaining wall parameters provided do not account for hydrostatic pressure behind the retaining walls. Therefore, the subdrain system is a very important part of the design. All retaining walls should be designed to resist surcharge loads imposed by other nearby walls, structures, or vehicles should be added to the above earth pressures, if the additional loads are being applied within a 1.5:1 (h:v) plane projected up from the heel of the retaining wall footing. As a way of minimizing surcharge loads and the settlement potential of nearby buildings, the footings for the building can be deepened below the 1.5:1 (h:v) plane projected up from the heel of the retaining wall footing.

Upon request and under a separate scope of work, more detailed analyses can be performed to address equivalent fluid pressures with regard to stepped retaining walls, actual retaining wall heights, actual backfill inclinations, specific backfill materials, higher retaining walls requiring earthquake design motions, etc.

### Subdrain System

We recommend a perforated pipe and gravel subdrain system be provided behind all proposed retaining walls to prevent the buildup of hydrostatic pressure behind the proposed retaining walls. The perforated pipe should consist of 4-inch minimum diameter Schedule 40 PVC or ABS SDR-35, placed with the perforations facing down. The pipe should be surrounded by 1 cubic foot per foot of  $\frac{3}{4}$ - or  $1\frac{1}{2}$  inch open graded gravel wrapped in filter fabric. The filter fabric should consist of Mirafi 140N or equivalent to prevent infiltration of fines and subsequent clogging of the subdrain system.

In lieu of a perforated pipe and gravel subdrain system, weep holes or open vertical masonry joints may be provided in the lowest row of block exposed to the air to prevent the buildup of hydrostatic pressure behind the proposed retaining walls. Weep holes should be a minimum of 3 inches in diameter and provided at intervals of at least every 6 feet along the wall. Open vertical masonry joints should be provided at a minimum of 32 inch intervals. A continuous gravel fill, a minimum of 1 cubic foot per foot,

should be placed behind the weep holes or open masonry joints. The gravel should be wrapped in filter fabric consisting of Mirafi 140N or equivalent.

The retaining walls should be adequately coated on the backfilled side of the walls with a proven waterproofing compound by an experienced professional to inhibit infiltration of moisture through the walls.

### **Temporary Excavations**

All excavations should be made in accordance with Cal-OSHA requirements. Patel & Associates is not responsible for job site safety.

### **Retaining Wall Backfill**

Retaining wall backfill materials should be approved by the geotechnical engineer or his representative prior to placement as compacted fill. Retaining wall backfill should be placed in lifts no greater than 6 to 8 inches, watered or air dried as necessary to achieve near optimum moisture contents. All retaining wall backfill should be compacted to a minimum of 90 percent of the maximum dry density as determined by ASTM D 1557. Retaining wall backfill should be capped with a paved surface drain.

## **CONCRETE FLATWORK**

### **Thickness and Joint Spacing**

Concrete sidewalks and patio type slabs should be at least 4 inches thick and provided with construction or expansion joints every 6 feet or less, to reduce the potential for excessive cracking. Concrete driveway slabs should be at least 5 inches thick and provided with construction or expansion joints every 10 feet or less.

### **Subgrade Preparation**

In order to reduce the potential for unsightly cracking, subgrade earth materials underlying concrete flatwork should be compacted at near optimum moisture to a minimum of 90 percent of the maximum dry density determined by ASTM D 1557 and then moistened to optimum or slightly above optimum moisture content. This moisture should extend to a depth of 12 inches below subgrade and be maintained prior to placement of concrete. Pre-watering of the earth materials prior to placing concrete will promote uniform curing of the concrete and minimize the development of shrinkage cracks. The project geotechnical engineer or his representative should verify the density and moisture content of the earth materials and the depth of moisture penetration prior to placing concrete.

Cracking within concrete flatwork is often a result of factors such as the use of too high a water to cement ratio and/or inadequate steps taken to prevent moisture loss during the curing of the concrete. Concrete distress can be reduced by proper concrete mix design and proper placement and curing of the concrete. Minor cracking within concrete flatwork is normal and should be expected.

## **GRADING PLAN REVIEW AND CONSTRUCTION SERVICES**

This report has been prepared for the exclusive use of **Anaergia Technologies, LLC** and their authorized representative. It likely does not contain sufficient information for other parties or other uses. Patel & Associates should be engaged to review the final design plans and specifications prior to construction. This is to verify that the recommendations contained in this report have been properly incorporated into the project plans and specifications. Should Patel & Associates not be accorded the opportunity to review the project plans and specifications, we are not responsible for misinterpretation of our recommendations.

We recommend that Patel & Associates be retained to provide geologic and geotechnical engineering services during grading and foundation excavation phases of the work. In order to allow for design changes in the event that the subsurface conditions differ from those anticipated prior to construction.

Patel & Associates should review any changes in the project and modify and approve in writing the conclusions and recommendations of this report. This report and the drawings contained within are intended for design input purposes only and are not intended to act as construction drawings or specifications. In the event that conditions encountered during grading or construction operations appear to be different than those indicated in this report, this office should be notified immediately, as revisions may be required.

### **REPORT LIMITATIONS**

Our services were performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable soils engineers and geologists, practicing at the time and location this report was prepared. No other warranty, expressed or implied, is made as to the conclusions and professional advice included in this report.

Earth materials vary in type, strength, and other geotechnical properties between points of observation and exploration. Groundwater and moisture conditions can also vary due to natural processes or the works of man on this or adjacent properties. As a result, we do not and cannot have complete knowledge of the subsurface conditions beneath the subject property. No practical study can completely eliminate uncertainty with regard to the anticipated geotechnical conditions in connection with a subject property. The conclusions and recommendations within this report are based upon the findings at the points of observation and are subject to confirmation by Patel & Associates based on the conditions revealed during grading and construction.

This report was prepared with the understanding that it is the responsibility of the owner or their representative, to ensure that the conclusions and recommendations contained herein are brought to the attention of the other project consultants and are incorporated into the plans and specifications. The owners' contractor should properly implement the conclusions and recommendations during grading and construction, and notify the owner if they consider any of the recommendations presented herein to be unsafe or unsuitable.

**APPENDIX A**  
**REFERENCES**

## APPENDIX A

### References

California Building Standards Commission, 2016, *2016 California Building Code, California Code of Regulations Title 24, Part 2, Volume 2 of 2*, Based on 2012 International Building Code.

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Jenkins, Olaf P., 1978, *Geologic Map of California, Santa Ana Sheet*; CDMG, Scale 1:250,000.

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Southern California Earthquake Center (SCEC), 1999, *Recommended Procedures for Implementation of DMG Special Publication 117, Guidelines for Analyzing and Mitigating Liquefaction Hazards in California*, March.

**APPENDIX B**  
**EXPLORATORY LOGS**

# Geotechnical Boring Log B-1

Date: 8/14/2020	Project Name: Anaergia	
Project Number: V20037-10	Logged By: MWG	
Drilling Company: GP Drilling	Type of Rig: B-69	
Drive Weight (lbs): 140	Drop (in): 30	Hole Diameter (in): 8
Top of Hole Elevation (ft): See Map	Hole Location: See Geotechnical Map	

Depth (ft)	Blow Count Per Foot	Sample Depth	Dry Density (pcf)	Moisture (%)	Classification Symbol	MATERIAL DESCRIPTION
0					Qa	Quaternary Alluvium
					SM	Silty SAND, brown, slightly moist, medium dense
	19	2.5	111.6	2.4		
5						
	22	5	115.7	1.7		
	28	7.5	107.5	1.6		Orangish brown, dense
10						
	37	10	117.9	2.2		Light olive
15						
	30	15	95.1	3.6	SP-SM	Poorly graded SAND with Silt, olive, moist, dense
20						
	73	20	111.0	7.0	ML	SILT, slightly moist, very dense
25						
	50/6"	25	109.1	1.8	SM	Silty SAND, olive brown
						<b>END OF BORING 26.5;</b>
						<b>NO GROUNDWATER</b>
30						



# Geotechnical Boring Log B-2

Date: 8/14/2020	Project Name: Anaergia
Project Number: V20037-10	Logged By: MWG
Drilling Company: GP Drilling	Type of Rig: B-69
Drive Weight (lbs): 140	Drop (in): 30                      Hole Diameter (in): 8
Top of Hole Elevation (ft): See Map	Hole Location: See Geotechnical Map

Depth (ft)	Blow Count Per Foot	Sample Depth	Dry Density (pcf)	Moisture (%)	Classification Symbol	MATERIAL DESCRIPTION
0					Qa	Quaternary Alluvium
					SM	Silty SAND, brown, slightly moist, medium dense
	18	2.5	118.8	9.9		
5						
	27	5	110.1	2.9		
	32	7.5	103.2	1.6		Orangish brown, dense
10					SC	Clayey SAND, reddish brown, slightly moist, medium dense
	27	10	102.4	24.2		
					SM	Silty SAND, tan, slightly moist, dense
15						
	57	15	108.5	1.5		
20						
	47	20	112.7	1.2		
					SP-SM	Poorly graded SAND with Silt, brown, slightly moist, dense
25						
	61	25	105.5	1.7		
						<b>END OF BORING 26.5'</b>
						<b>118</b>
30						



## Geotechnical Boring Log B-3

Date: 8/14/2020	Project Name: Anaergia	
Project Number: V20037-10	Logged By: MWG	
Drilling Company: GP Drilling	Type of Rig: B-69	
Drive Weight (lbs): 140	Drop (in): 30	Hole Diameter (in): 8
Top of Hole Elevation (ft): See Map	Hole Location: See Geotechnical Map	

Depth (ft)	Blow Count Per Foot	Sample Depth	Dry Density (pcf)	Moisture (%)	Classification Symbol	MATERIAL DESCRIPTION
0					Qa	Quaternary Alluvium
					SM	Silty SAND, olive, moist, medium dense
	36	2.5	120.2	5.4		
5						
	27	5	117.5	6.7		
	45	7.5	121.2	5.1		
10						
	22	10	114.2	4.0		
15						
	8	15	105.9	12.5		
						Water after 17'
20						
	2	20	124.8	6.9		
25						
	14	25	109.1	5.9		
						<b>END OF BORING 26.5'</b>
						<b>GROUNDWATER</b>
30						



# Geotechnical Boring Log B-4

Date: 8/14/2020	Project Name: Anaergia	
Project Number: V20037-10	Logged By: MWG	
Drilling Company: GP Drilling	Type of Rig: B-69	
Drive Weight (lbs): 140	Drop (in): 30	Hole Diameter (in): 8
Top of Hole Elevation (ft): See Map	Hole Location: See Geotechnical Map	

Depth (ft)	Blow Count Per Foot	Sample Depth	Dry Density (pcf)	Moisture (%)	Classification Symbol	MATERIAL DESCRIPTION
0					Qa	Quaternary Alluvium
					SM	Silty SAND, brown, moist, medium dense
	23	2.5		7.0		
5	53	5	124.8	6.9		
						-----
						<b>END OF BORING 6.5'</b>
						<b>NO GROUNDWATER</b>
10						
15						
20						
25						
30						



# Geotechnical Boring Log B-5

Date: 8/14/2020	Project Name: Anaergia
Project Number: V20037-10	Logged By: MWG
Drilling Company: GP Drilling	Type of Rig: B-69
Drive Weight (lbs): 140	Drop (in): 30                      Hole Diameter (in): 8
Top of Hole Elevation (ft): See Map	Hole Location: See Geotechnical Map

Depth (ft)	Blow Count Per Foot	Sample Depth	Dry Density (pcf)	Moisture (%)	Classification Symbol	MATERIAL DESCRIPTION
0					Qa	Quaternary Alluvium
					SM	Silty SAND, olive, moist, medium dense
	6	2.5	2.9			
5						
	11	5				
	7	7.5	4.0			
10						
	7	10	3.6			
15						
	8	15	3.8			
						Water after 17'
20						
	6	20	10.4			
						<b>END OF BORING 21.5'</b>
						<b>NO GROUNDWATER</b>
25						
30						



## **APPENDIX C**

# **LABORATORY PROCEDURES AND TEST RESULTS**

## APPENDIX C

### Laboratory Procedures and Test Results

Laboratory testing provided quantitative and qualitative data involving the relevant engineering properties of the representative earth materials selected for testing. The representative samples were tested in general accordance with American Society for Testing and Materials (ASTM) procedures and/or California Test Methods (CTM).

**Soil Classification:** Earth materials encountered during exploration were classified and logged in general accordance with the Standard Practice for Description and Identification of Soils (Visual-Manual Procedure) of ASTM D 2488. Upon completion of laboratory testing, exploratory logs and sample descriptions were reconciled to reflect laboratory test results with regard to ASTM D 2487.

**Moisture and Density Tests:** For select samples moisture content was determined using the guidelines of ASTM D 2216 and dry density determinations were made using the guidelines of ASTM D 2937. These tests were performed on relatively undisturbed samples and the test results are presented on the exploratory logs.

**Maximum Density Tests:** The maximum dry density and optimum moisture content of representative samples were determined using the guidelines of ASTM D 1557. The test results are presented in the table below.

SAMPLE LOCATION	MATERIAL DESCRIPTION	MAXIMUM DRY DENSITY (pcf)	OPTIMUM MOISTURE CONTENT (%)
B-1 @ 0-5 feet	Silty SAND	129.0	8.5

**Expansion Index:** The expansion potential of representative samples was evaluated using the guidelines of ASTM D 4829. The test results are presented in the table below.

SAMPLE LOCATION	MATERIAL DESCRIPTION	EXPANSION INDEX	EXPANSION POTENTIAL
B-1 @ 0-5 feet	Silty SAND	7	Very Low

**Direct Shear:** Direct shear tests were performed on representative undisturbed samples using the guidelines of ASTM D 3080. The test results are presented in the table below.

SAMPLE LOCATION	MATERIAL DESCRIPTION	*FRICTION ANGLE (degrees)	*APPARENT COHESION (psf)
1 @ 0-5 feet	Silty SAND	43	499

\* Peak values of samples

**Minimum Resistivity and pH Tests:** Minimum resistivity and pH Tests of select samples were performed using the guidelines of CTM 643. The test results are presented in the table below.

SAMPLE LOCATION	MATERIAL DESCRIPTION	pH	MINIMUM RESISTIVITY (ohm-cm)
1 @ 0-5 feet	Silty SAND	7.7	2,600

**Soluble Sulfate:** The soluble sulfate content of select samples was determined using the guidelines of CTM 417. The test results are presented in the table below.

SAMPLE LOCATION	MATERIAL DESCRIPTION	SULFATE CONTENT (% by weight)	SULFATE EXPOSURE
1 @ 0-5 feet	Silty SAND	0.001	Negligible

**Chloride Content:** Chloride content of select samples was determined using the guidelines of CTM 422. The test results are presented in the table below.

SAMPLE LOCATION	MATERIAL DESCRIPTION	CHLORIDE CONTENT (ppm)
B-1 @ 0-5 feet	Silty SAND	50

**APPENDIX D**  
**SEISMICITY**



20111 Shay Rd, Victorville, CA 92394, USA

Latitude, Longitude: 34.6150084, -117.3574463

Victor Valley Wastewater Reclamation Authority



Map data ©2020

<b>Date</b>	9/5/2020, 3:40:51 PM
<b>Design Code Reference Document</b>	ASCE7-16
<b>Risk Category</b>	II
<b>Site Class</b>	D - Default (See Section 11.4.3)

Type	Value	Description
$S_S$	1.007	$MCE_R$ ground motion. (for 0.2 second period)
$S_1$	0.394	$MCE_R$ ground motion. (for 1.0s period)
$S_{MS}$	1.209	Site-modified spectral acceleration value
$S_{M1}$	null -See Section 11.4.8	Site-modified spectral acceleration value
$S_{DS}$	0.805	Numeric seismic design value at 0.2 second SA
$S_{D1}$	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
$F_a$	1.2	Site amplification factor at 0.2 second
$F_v$	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.434	$MCE_G$ peak ground acceleration
$F_{PGA}$	1.2	Site amplification factor at PGA
$PGA_M$	0.521	Site modified peak ground acceleration
$T_L$	12	Long-period transition period in seconds
$SsRT$	1.007	Probabilistic risk-targeted ground motion. (0.2 second)
$SsUH$	1.081	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
$SsD$	1.5	Factored deterministic acceleration value. (0.2 second)
$S1RT$	0.394	Probabilistic risk-targeted ground motion. (1.0 second)
$S1UH$	0.428	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
$S1D$	0.6	Factored deterministic acceleration value. (1.0 second)
$PGAd$	0.5	Factored deterministic acceleration value. (Peak Ground Acceleration)
$C_{RS}$	0.932	Mapped value of the risk coefficient at short periods.
$C_{R1}$	0.919	Mapped value of the risk coefficient at a period of 1 s



## ARS Online V3.0.2

**Using the tool:** Specify latitude and longitude in decimal degrees in the input boxes below. Alternatively, **Google Maps** can be used to find the site location. Specify the time-averaged shear-wave velocity in the upper 30m (Vs30) in the input box. After submitting the data, the USGS 2014 hazard data for a 975-year return period will be reported along with adjustment factors required by Caltrans Seismic Design Criteria (SDC) V2.0.

Latitude: 34.6150084

Longitude: -117.3574463

Vs30 (m/s): 270

Submit

*Caltrans Design Spectrum (5% damping)*

Period(s)	Sa <sub>2008</sub> (g)	Sa <sub>2014</sub> (g)	Basin <sub>2008</sub>	Basin <sub>2014</sub>	Near Fault Amp	Design Sa <sub>2008</sub> (g)	Design Sa <sub>2014</sub> (g)
PGA	0.44	0.42	1	1	1	0.44	0.42
0.10	0.77	0.74	1	1	1	0.77	0.74
0.20	0.96	1.01	1	1	1	0.96	1.01
0.30	0.95	1.08	1	1	1	0.95	1.08
0.50	0.81	0.98	1	1	1	0.81	0.98
0.75	0.68	0.77	1	1	1	0.68	0.77
1.0	0.56	0.61	1	1	1	0.56	0.61
2.0	0.32	0.32	1	1	1	0.32	0.32
3.0	0.21	0.21	1	1	1	0.21	0.21
4.0	0.16	0.16	1	1	1	0.16	0.16
5.0	0.13	0.12	1	1	1	0.13	0.12

Copy table

**Deaggregation (based on 2014 hazard)**

mean magnitude (for PGA) 7

mean site-source distance (km, for Sa at 1s) 36.9

*Option: recalculate Near Fault amplification with user specified distance*

Site-source distance (km): 36.9

Update

### Search Results

6 of 6 earthquakes in map area.

Only List Earthquakes Shown on Map

Format: Magnitude    Sort: Newest First

- 7.1** **Hector Mine, CA Earthquake**  
1999-10-16 09:46:44 (UTC)    13.7 km
- 7.3** **Landers, California Earthquake**  
1992-06-28 11:57:34 (UTC)    -0.1 km
- 6.6** **10km SSW of Agua Dulce, CA**  
1971-02-09 14:00:41 (UTC)    9.0 km
- 6.5** **34km SSE of Fort Irwin, CA**  
1947-04-10 15:58:05 (UTC)    6.0 km
- 6.8** **Southern California**  
1899-12-25 12:25:00 (UTC)    km
- 6.9** **Southern California**  
1812-12-08 15:00:00 (UTC)    km

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- [Felt something not shown - report it here.](#)



5000 km / 3000 mi

81.414°N : 90.703°E

U.S. Geological Survey - Earthquake Hazards Program

## 2008 National Seismic Hazard Maps - Source Parameters

[New Search](#)

Distance in Kilometers	Name	State	Pref Slip Rate (mm/yr)	Dip (degrees)	Dip Dir	Slip Sense	Rupture Top (km)	Rupture Bottom (km)	Length (km)
15.36	<a href="#">Helendale-So Lockhart</a>	CA	0.6	90	V	strike slip	0	13	114
26.17	<a href="#">North Frontal (West)</a>	CA	1	49	S	reverse	0	16	50
35.12	<a href="#">Cleghorn</a>	CA	3	90	V	strike slip	0	16	25
37.25	<a href="#">Lenwood-Lockhart-Old Woman Springs</a>	CA	0.9	90	V	strike slip	0	13	145
37.56	<a href="#">S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB</a>	CA	n/a	90	V	strike slip	0	14	384
37.56	<a href="#">S. San Andreas;CC+BB+NM+SM+NSB</a>	CA	n/a	90	V	strike slip	0	14	279
37.56	<a href="#">S. San Andreas;CC+BB+NM+SM</a>	CA	n/a	90	V	strike slip	0	14	243
37.56	<a href="#">S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB+BG</a>	CA	n/a	86		strike slip	0	14	442
37.56	<a href="#">S. San Andreas;NM+SM</a>	CA	n/a	90	V	strike slip	0	14	134
37.56	<a href="#">S. San Andreas;NSB+SSB+BG+CO</a>	CA	n/a	79		strike slip	0.2	12	206
37.56	<a href="#">S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG</a>	CA	n/a	85		strike slip	0	14	380
37.56	<a href="#">S. San Andreas;CC+BB+NM+SM+NSB+SSB+BG+CO</a>	CA	n/a	86		strike slip	0.1	13	449
37.56	<a href="#">S. San Andreas;CH+CC+BB+NM+SM+NSB</a>	CA	n/a	90	V	strike slip	0	14	341
37.56	<a href="#">S. San Andreas;CH+CC+BB+NM+SM</a>	CA	n/a	90	V	strike slip	0	14	306
37.56	<a href="#">S. San Andreas;CH+CC+BB+NM+SM+NSB+SSB+BG+CO</a>	CA	n/a	86		strike slip	0.1	13	512
37.56	<a href="#">S. San Andreas;SM</a>	CA	29	90	V	strike slip	0	13	98
37.56	<a href="#">S. San Andreas;BB+NM+SM+NSB+SSB+BG+CO</a>	CA	n/a	85		strike slip	0.1	13	390
37.56	<a href="#">S. San Andreas;BB+NM+SM+NSB</a>	CA	n/a	90	V	strike slip	0	14	220
37.56	<a href="#">S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO</a>	CA	n/a	86		strike slip	0.1	13	548
37.56	<a href="#">S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB+BG</a>	CA	n/a	86		strike slip	0.1	13	479
37.56	<a href="#">S. San Andreas;PK+CH+CC+BB+NM+SM+NSB+SSB</a>	CA	n/a	90	V	strike slip	0.1	13	421

37.56	<a href="#">S. San Andreas;PK+CH+CC+BB+NM+SM+NSB</a>	CA	n/a	90	V	strike slip	0.1	13	377
37.56	<a href="#">S. San Andreas;NM+SM+NSB</a>	CA	n/a	90	V	strike slip	0	13	170
37.56	<a href="#">S. San Andreas;CC+BB+NM+SM+NSB+SSB</a>	CA	n/a	90	V	strike slip	0	14	322
37.56	<a href="#">S. San Andreas;NM+SM+NSB+SSB</a>	CA	n/a	90	V	strike slip	0	13	213
37.56	<a href="#">S. San Andreas;NM+SM+NSB+SSB+BG</a>	CA	n/a	83		strike slip	0	14	271
37.56	<a href="#">S. San Andreas;BB+NM+SM+NSB+SSB</a>	CA	n/a	90	V	strike slip	0	14	263
37.56	<a href="#">S. San Andreas;NM+SM+NSB+SSB+BG+CO</a>	CA	n/a	84		strike slip	0.1	13	340
37.56	<a href="#">S. San Andreas;NSB</a>	CA	22	90	V	strike slip	0	13	35
37.56	<a href="#">S. San Andreas;NSB+SSB</a>	CA	n/a	90	V	strike slip	0	13	79
37.56	<a href="#">S. San Andreas;NSB+SSB+BG</a>	CA	n/a	75		strike slip	0	14	136
37.56	<a href="#">S. San Andreas;BB+NM+SM</a>	CA	n/a	90	V	strike slip	0	14	184
37.56	<a href="#">S. San Andreas;PK+CH+CC+BB+NM+SM</a>	CA	n/a	90	V	strike slip	0.1	13	342
37.56	<a href="#">S. San Andreas;BB+NM+SM+NSB+SSB+BG</a>	CA	n/a	84		strike slip	0	14	321
37.56	<a href="#">S. San Andreas;SM+NSB+SSB+BG+CO</a>	CA	n/a	83		strike slip	0.1	13	303
37.56	<a href="#">S. San Andreas;SM+NSB+SSB+BG</a>	CA	n/a	81		strike slip	0	13	234
37.56	<a href="#">S. San Andreas;SM+NSB+SSB</a>	CA	n/a	90	V	strike slip	0	13	176
37.56	<a href="#">S. San Andreas;SM+NSB</a>	CA	n/a	90	V	strike slip	0	13	133
40.46	<a href="#">San Jacinto;SBV+SJV+A+CC</a>	CA	n/a	90	V	strike slip	0	16	181
40.46	<a href="#">San Jacinto;SBV+SJV+A</a>	CA	n/a	90	V	strike slip	0	16	134
40.46	<a href="#">San Jacinto;SBV+SJV+A+C</a>	CA	n/a	90	V	strike slip	0	17	181
40.46	<a href="#">San Jacinto;SBV</a>	CA	6	90	V	strike slip	0	16	45
40.46	<a href="#">San Jacinto;SBV+SJV+A+CC+B</a>	CA	n/a	90	V	strike slip	0.1	15	215
40.46	<a href="#">San Jacinto;SBV+SJV+A+CC+B+SM</a>	CA	n/a	90	V	strike slip	0.1	15	241
40.46	<a href="#">San Jacinto;SBV+SJV</a>	CA	n/a	90	V	strike slip	0	16	88

83.54	<a href="#">San Jacinto:A+C</a>	CA	n/a	90	V	strike slip	0	17	118
83.54	<a href="#">San Jacinto:A+CC</a>	CA	n/a	90	V	strike slip	0	16	118
83.54	<a href="#">San Jacinto:A+CC+B</a>	CA	n/a	90	V	strike slip	0.1	15	152
83.54	<a href="#">San Jacinto:A+CC+B+SM</a>	CA	n/a	90	V	strike slip	0.1	15	178
85.37	<a href="#">Pinto Mtn</a>	CA	2.5	90	V	strike slip	0	16	74
88.14	<a href="#">Elsinore;W+GI+T+J+CM</a>	CA	n/a	84	NE	strike slip	0	16	241
88.14	<a href="#">Elsinore;W</a>	CA	2.5	75	NE	strike slip	0	14	46
88.14	<a href="#">Elsinore;W+GI</a>	CA	n/a	81	NE	strike slip	0	14	83
88.14	<a href="#">Elsinore;W+GI+T</a>	CA	n/a	84	NE	strike slip	0	14	124
88.14	<a href="#">Elsinore;W+GI+T+J</a>	CA	n/a	84	NE	strike slip	0	16	199
89.45	<a href="#">S. San Andreas;BG+CO</a>	CA	n/a	72		strike slip	0.3	12	125
89.45	<a href="#">S. San Andreas;BG</a>	CA	n/a	58		strike slip	0	13	56
89.81	<a href="#">Elsinore;GI+T+J</a>	CA	n/a	86	NE	strike slip	0	17	153
89.81	<a href="#">Elsinore;GI+T+J+CM</a>	CA	n/a	86	NE	strike slip	0	16	195
89.81	<a href="#">Elsinore;GI</a>	CA	5	90	V	strike slip	0	13	37
89.81	<a href="#">Elsinore;GI+T</a>	CA	5	90	V	strike slip	0	14	78
90.84	<a href="#">Verdugo</a>	CA	0.5	55	NE	reverse	0	15	29
91.02	<a href="#">San Gabriel</a>	CA	1	61	N	strike slip	0	15	71
91.39	<a href="#">Elysian Park (Upper)</a>	CA	1.3	50	NE	reverse	3	15	20
92.43	<a href="#">Puente Hills (Coyote Hills)</a>	CA	0.7	26	N	thrust	2.8	15	17
93.28	<a href="#">Garlock;GC+GW</a>	CA	n/a	90	V	strike slip	0.4	12	210
93.28	<a href="#">Garlock;GE+GC+GW</a>	CA	n/a	90	V	strike slip	0.3	12	256
93.28	<a href="#">Garlock;GW</a>	CA	6	90	V	strike slip	0.7	14	98
93.99	<a href="#">Sierra Madre (San Fernando)</a>	CA	2	45	N	thrust	0	13	18
95.14	<a href="#">Garlock;GE+GC</a>	CA	n/a	90	V	strike slip	0	12	156
95.14	<a href="#">Garlock;GC</a>	CA	7	90	V	strike	0	12	111

47.29	<a href="#">Gravel Hills-Harper Lk</a>	CA	0.7	90	V	strike slip	0	11	65
48.83	<a href="#">Cucamonga</a>	CA	5	45	N	thrust	0	8	28
49.29	<a href="#">Landers</a>	CA	0.6	90	V	strike slip	0	15	95
53.04	<a href="#">S. San Andreas;SSB+BG+CO</a>	CA	n/a	77		strike slip	0.2	12	170
53.04	<a href="#">S. San Andreas;SSB</a>	CA	16	90	V	strike slip	0	13	43
53.04	<a href="#">S. San Andreas;SSB+BG</a>	CA	n/a	71		strike slip	0	13	101
53.07	<a href="#">Blackwater</a>	CA	0.5	90	V	strike slip	0	12	60
57.46	<a href="#">Calico-Hidalgo</a>	CA	1.8	90	V	strike slip	0	14	117
59.73	<a href="#">North Frontal (East)</a>	CA	0.5	41	S	thrust	0	16	27
60.78	<a href="#">Johnson Valley (No)</a>	CA	0.6	90	V	strike slip	0	16	35
61.23	<a href="#">Clamshell-Sawpit</a>	CA	0.5	50	NW	reverse	0	14	16
63.47	<a href="#">San Jose</a>	CA	0.5	74	NW	strike slip	0	15	20
64.97	<a href="#">Sierra Madre</a>	CA	2	53	N	reverse	0	14	57
64.97	<a href="#">Sierra Madre Connected</a>	CA	2	51		reverse	0	14	76
67.23	<a href="#">San Jacinto;SJV+A+CC+B+SM</a>	CA	n/a	90	V	strike slip	0.1	15	196
67.23	<a href="#">San Jacinto;SJV</a>	CA	18	90	V	strike slip	0	16	43
67.23	<a href="#">San Jacinto;SJV+A</a>	CA	n/a	90	V	strike slip	0	17	89
67.23	<a href="#">San Jacinto;SJV+A+C</a>	CA	n/a	90	V	strike slip	0	17	136
67.23	<a href="#">San Jacinto;SJV+A+CC</a>	CA	n/a	90	V	strike slip	0	16	136
67.23	<a href="#">San Jacinto;SJV+A+CC+B</a>	CA	n/a	90	V	strike slip	0.1	15	170
73.79	<a href="#">Chino, alt 2</a>	CA	1	65	SW	strike slip	0	14	29
73.94	<a href="#">Chino, alt 1</a>	CA	1	50	SW	strike slip	0	9	24
75.55	<a href="#">So Emerson-Copper Mtn</a>	CA	0.6	90	V	strike slip	0	14	54
76.85	<a href="#">Raymond</a>	CA	1.5	79	N	strike slip	0	16	22
82.92	<a href="#">Pisgah-Bullion Mtn-Mesquite Lk</a>	CA	0.8	90	V	strike slip	0	13	88
83.54	<a href="#">San Jacinto;A</a>	CA	9	90	V	strike slip	0	17	71

						slip			
96.87	<a href="#">So Sierra Nevada</a>	CA	0.1	50	E	normal	0	14	112
97.28	<a href="#">Puente Hills (Santa Fe Springs)</a>	CA	0.7	29	N	thrust	2.8	15	11
97.37	<a href="#">Hollywood</a>	CA	1	70	N	strike slip	0	17	17
99.78	<a href="#">Northridge</a>	CA	1.5	35	S	thrust	7.4	17	33

**APPENDIX E**  
**ASPHALTIC CONCRETE PAVEMENT**  
**CALCULATIONS**

**PATEL & ASSOCIATES, INC.**

**General Earthwork and Grading Specifications**

**General**

**Intent:** These General Earthwork and Grading Specifications are intended to be the minimum requirements for the grading and earthwork shown on the approved grading plan(s) and/or indicated in the geotechnical report(s). These General Earthwork and Grading Specifications should be considered a part of the recommendations contained in the geotechnical report(s) and if they are in conflict with the geotechnical report(s), the specific recommendations in the geotechnical report shall supersede these more general specifications. Observations made during earthwork operations by the project Geotechnical Consultant may result in new or revised recommendations that may supersede these specifications and/or the recommendations in the geotechnical report(s).

**The Geotechnical Consultant of Record:** The Owner shall employ a qualified Geotechnical Consultant of Record (Geotechnical Consultant), prior to commencement of grading or construction. The Geotechnical Consultant shall be responsible for reviewing the approved geotechnical report(s) and accepting the adequacy of the preliminary geotechnical findings, conclusions, and recommendations prior to the commencement of the grading or construction.

Prior to commencement of grading or construction, the Owner shall coordinate with the Geotechnical Consultant, and Earthwork Contractor (Contractor) to schedule sufficient personnel for the appropriate level of observation, mapping, and compaction testing.

During earthwork and grading operations, the Geotechnical Consultant shall observe, map, and document the subsurface conditions to confirm assumptions made during the geotechnical design phase of the project. Should the observed conditions differ significantly from the interpretive assumptions made during the design phase, the Geotechnical Consultant shall recommend appropriate changes to accommodate the observed conditions, and notify the reviewing agency where required.

The Geotechnical Consultant shall observe the moisture conditioning and processing of the excavations and fill materials. The Geotechnical Consultant should perform periodic relative density testing of fill materials to verify that the attained level of compaction is being accomplished as specified.

**The Earthwork Contractor:** The Earthwork Contractor (Contractor) shall be qualified, experienced, and knowledgeable in earthwork logistics, preparation and processing of earth materials to receive compacted fill, moisture-conditioning and processing of fill, and compacting fill. The Contractor shall be provided with the approved grading plans and geotechnical report(s) for his review and acceptance of responsibilities, prior to commencement of grading. The Contractor shall be solely responsible for performing the grading in accordance with the approved grading plans and geotechnical report(s). Prior to commencement of grading, the Contractor shall prepare and submit to the Owner and the Geotechnical Consultant a work plan that indicates the sequence of earthwork grading, the number of "equipment" of work and the estimated quantities of daily earthwork contemplated for the site. The Contractor shall inform the Owner and the Geotechnical Consultant of work schedule changes and revisions to the work plan at least 24 hours in advance of such changes so that appropriate personnel will be available for observation and testing. No assumptions shall be made by the Contractor with regard to whether the Geotechnical Consultant is aware of all grading operations.

It is the sole responsibility of the Contractor to provide adequate equipment and methods to accomplish the earthwork operations in accordance with the applicable grading codes and agency ordinances, these specifications, and the recommendations in the approved geotechnical report(s) and grading plan(s). At the sole discretion of the Geotechnical Consultant, any unsatisfactory conditions, such as unsuitable earth materials, improper moisture conditioning, inadequate compaction, insufficient buttress keyway size, adverse weather conditions, etc., resulting in a quality of work less than required in the approved grading plans and geotechnical report(s), the Geotechnical Consultant shall reject the work and may recommend to the Owner that grading be stopped until conditions are corrected.

### **Preparation of Areas for Compacted Fill**

**Clearing and Grubbing:** Vegetation, such as brush, grass, roots, and other deleterious material shall be sufficiently removed and properly disposed in a method acceptable to the Owner, Geotechnical Consultant, and governing agencies.

The Geotechnical Consultant shall evaluate the extent of these removals on a site by site basis. Earth materials to be placed as compacted fill shall not contain more than 1 percent organic materials (by volume). No compacted fill lift shall contain more than 10 percent organic matter.

Should potentially hazardous materials be encountered, the Contractor shall stop work in the affected area, and a hazardous materials specialist shall immediately be consulted to evaluate the potentially hazardous materials, prior to continuing to work in that area.

It is our understanding that the State of California defines most refined petroleum products (gasoline, diesel fuel, motor oil, grease, coolant, etc.) as hazardous waste. As such, indiscriminate dumping or spillage of these fluids may constitute a misdemeanor, punishable by fines and/or imprisonment, and shall be prohibited. The contractor is responsible for all hazardous waste related to his operations. The Geotechnical Consultant does not have expertise in this area. If hazardous waste is a concern, then the Owner should contract the services of a qualified environmental assessor.

**Processing:** Exposed earth materials that have been observed to be satisfactory for support of compacted fill by the Geotechnical Consultant shall be scarified to a minimum depth of 6 inches. Exposed earth materials that are not observed to be satisfactory shall be removed or alternative recommendations may be provided by the Geotechnical Consultant. Scarification shall continue until the exposed earth materials are broken down and free of oversize material and the working surface is reasonably uniform, flat, and free of uneven features that would inhibit uniform compaction. The earth materials should be moistened or air dried to near optimum moisture content, prior to compaction.

**Overexcavation:** The Cut Lot Typical Detail and Cut/Fill Transition Lot Typical Detail, included herein provides a graphic illustration that depicts typical overexcavation recommendations made in the approved geotechnical report(s) and/or grading plan(s).

**Keyways and Benching:** Where fills are to be placed on slopes steeper than 5:1 (horizontal to vertical units), the ground shall be thoroughly benched as compacted fill is placed. Please see the three Keyway and Benching Typical Details with subtitles Cut Over Fill Slope, Fill Over Cut Slope, and Fill Slope for a graphic illustration. The lowest bench or smallest keyway shall be a minimum of 15 feet wide (or  $\frac{1}{2}$  the proposed slope height) and at least 2 feet into competent earth materials as advised by the Geotechnical Consultant. Typical benches shall be excavated a minimum height of 4 feet into competent earth materials or as recommended by the Geotechnical Consultant. Fill placed on slopes steeper than 5:1 should be thoroughly benched or otherwise excavated to provide a flat subgrade for the compacted fill.

**Evaluation/Acceptance of Bottom Excavations:** All areas to receive compacted fill (bottom excavations), including removal excavations, processed areas, keyways, and benching, shall be observed, mapped, general elevations recorded, and/or tested prior to being accepted by the Geotechnical Consultant as suitable to receive compacted fill. The Contractor shall obtain a written acceptance from the Geotechnical Consultant prior to placing compacted fill. A licensed surveyor shall provide the survey control for determining elevations of bottom excavations, processed areas, keyways, and

benching. The Geotechnical Consultant is not responsible for erroneously located, fills, subdrain systems, or excavations.

## **Fill Materials**

**General:** Earth material to be used as compacted fill should to a large extent be free of organic matter and other deleterious substances as evaluated and accepted by the Geotechnical Consultant.

**Oversize:** Oversize material is rock that does not break down into smaller pieces and has a maximum diameter greater than 8 inches. Oversize rock shall not be included within compacted fill unless specific methods and guidelines acceptable to the Geotechnical Consultant are followed. For examples of methods and guidelines of oversize rock placement see the enclosed Oversize Rock Disposal Detail. The inclusion of oversize materials in the compacted fill shall only be acceptable if the oversize material is completely surrounded by compacted fill or thoroughly jetted granular materials. No oversize material shall be placed within 10 vertical feet of finish grade or within 2 feet of proposed utilities or underground improvements.

**Import:** Should imported earth materials be required, the proposed import materials shall meet the requirements of the Geotechnical Consultant. Well graded, very low expansion potential earth materials free of organic matter and other deleterious substances are usually sought after as import materials. However, it is generally in the Owners best interest that potential import earth materials are provided to the Geotechnical Consultant to determine their suitability for the intended purpose. At least 48 hours should be allotted for the appropriate laboratory testing to be performed, prior to starting the import operations.

## **Fill Placement and Compaction Procedures**

**Fill Layers:** Fill materials shall be placed in areas prepared to receive fill in nearly horizontal layers not exceeding 8 inches in loose thickness. Thicker layers may be accepted by the Geotechnical Consultant, provided field density testing indicates that the grading procedures can adequately compact the thicker layers. Each layer of fill shall be spread evenly and thoroughly mixed to obtain uniformity within the earth materials and consistent moisture throughout the fill.

**Moisture Conditioning of Fill:** Earth materials to be placed as compacted fill shall be watered, dried, blended, and/or mixed, as needed to obtain relatively uniform moisture contents that are at or slightly above optimum. The maximum density and optimum moisture content tests should be performed in accordance with the American Society of Testing and Materials (ASTM test method D1557).

**Compaction of Fill:** After each layer has been moisture-conditioned, mixed, and evenly spread, it should be uniformly compacted to a minimum of 90 percent of maximum dry density as determined by ASTM test method D1557-00. Compaction equipment shall be adequately sized and be either specifically designed for compaction of earth materials or be proven to consistently achieve the required level of compaction.

**Compaction of Fill Slopes:** In addition to normal compaction procedures specified above, additional effort to obtain compaction on slopes is needed. This may be accomplished by backrolling of slopes with sheepsfoot rollers as the fill is being placed, by overbuilding the fill slopes, or by other methods producing results that are satisfactory to the Geotechnical Consultant. Upon completion of grading, relative compaction of the fill and the slope face shall be a minimum of 90 percent of maximum density per ASTM test method D1557.

**Compaction Testing of Fill:** Field tests for moisture content and relative density of the compacted fill earth materials shall be periodically performed by the Geotechnical Consultant. The location and frequency of tests shall be at the Geotechnical Consultant's discretion based on field observations. Compaction test locations will not necessarily be random. The test locations may or may not be selected to verify minimum compaction requirements in areas that are typically prone to inadequate compaction, such as close to slope faces and near benching.

**Frequency of Compaction Testing:** Compaction tests shall be taken at minimum intervals of every 2 vertical feet and/or per 1,000 cubic yards of compacted materials placed. Additionally, as a guideline, at least one (1) test shall be taken on slope faces for each 5,000 square feet of slope face and/or for each 10 vertical feet of slope. The Contractor shall assure that fill placement is such that the testing schedule described herein can be accomplished by the Geotechnical Consultant. The Contractor shall stop or slow down the earthwork operations to a safe level so that these minimum standards can be obtained.

**Compaction Test Locations:** The approximate elevation and horizontal coordinates of each test location shall be documented by the Geotechnical Consultant. The Contractor shall coordinate with the Surveyor to assure that sufficient grade stakes are established. This will provide the Geotechnical Consultant with sufficient accuracy to determine the approximate test locations and elevations. The Geotechnical Consultant can not be responsible for staking erroneously located by the Surveyor or Contractor. A minimum of two grade stakes should be provided at a maximum horizontal distance of 100 feet and vertical difference of less than 5 feet.

## **Subdrain System Installation**

Subdrain systems shall be installed in accordance with the approved geotechnical report(s), the approved grading plan, and the typical details provided herein. The Geotechnical Consultant may recommend additional subdrain systems and/or changes to the subdrain systems described herein, with regard to the extent, location, grade, or material depending on conditions encountered during grading or other factors. All subdrain systems shall be surveyed by a licensed land surveyor (except for retaining wall subdrain systems) to verify line and grade after installation and prior to burial. Adequate time should be allowed by the Contractor to complete these surveys.

## **Excavation**

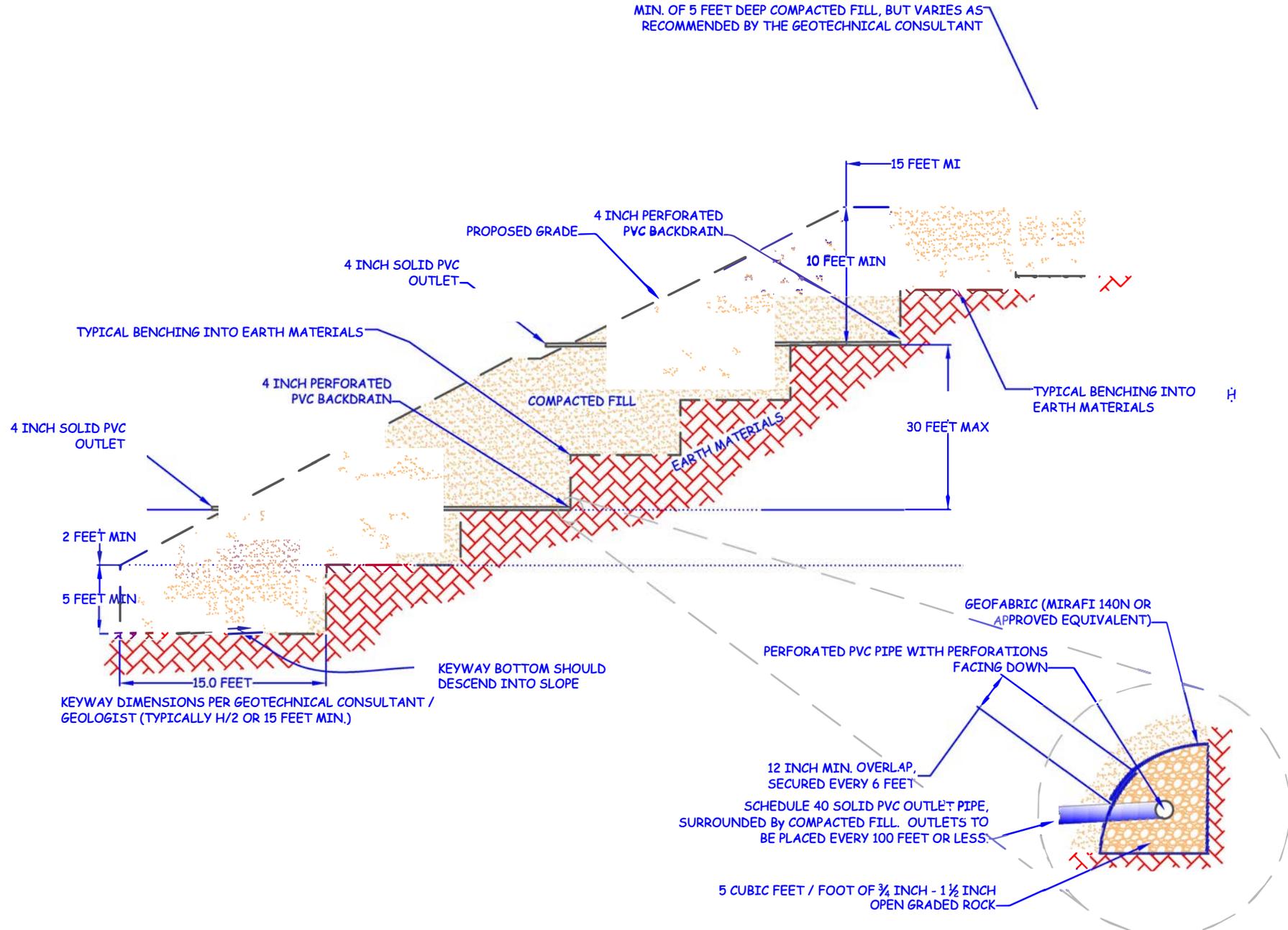
All excavations and over-excavations for remedial purposes shall be evaluated by the Geotechnical Consultant during grading operations. Remedial removal depths indicated on the geotechnical plans are estimates only. The actual removal depths and extent shall be determined by the Geotechnical Consultant based on the field evaluation of exposed conditions during grading operations. Where fill over cut slopes are planned, the cut portion of the slope shall be excavated, evaluated, and accepted by the Geotechnical Consultant prior to placement of the fill portion of the proposed slope, unless specifically addressed by the Geotechnical Consultant. Typical details for cut over fill slopes and fill over cut slopes are provided herein.

## **Trench Backfill**

- 1) The Contractor shall follow all OSHA and Cal/OSHA requirements for trench excavation safety.
- 2) Bedding and backfill of utility trenches shall be done in accordance with the applicable provisions in the Standard Specifications of Public Works Construction. Bedding materials shall have a Sand Equivalency more than 30 (SE>30). The bedding shall be placed to 1 foot over the conduit and thoroughly jetting to provide densification. Backfill should be compacted to a minimum of 90 percent of maximum dry density, from 1 foot above the top of the conduit to the surface.
- 3) Jetting of the bedding materials around the conduits shall be observed by the Geotechnical Consultant.
- 4) The Geotechnical Consultant shall test trench backfill for the minimum compaction requirements recommended herein. At least one test should be conducted for every 300 linear feet of trench and for each 2 vertical feet of backfill.
- 5) For trench backfill the lift thicknesses shall not exceed those allowed in the Standard Specifications of Public Works Construction, unless the Contractor can demonstrate to the Geotechnical Consultant that the fill lift can be compacted to the minimum relative compaction by his alternative equipment or method.

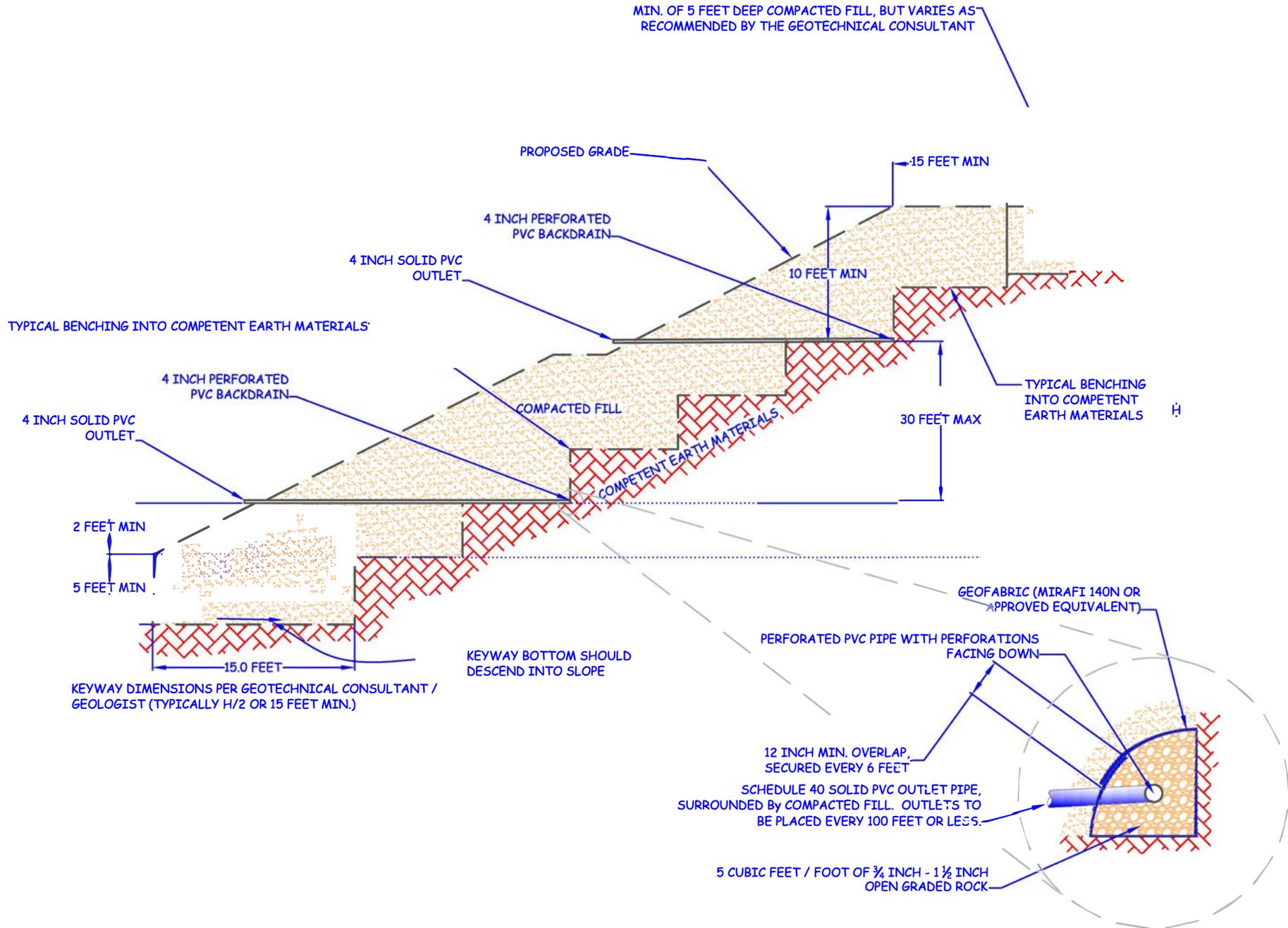


# STABILIZATION FILL TYPICAL DETAIL



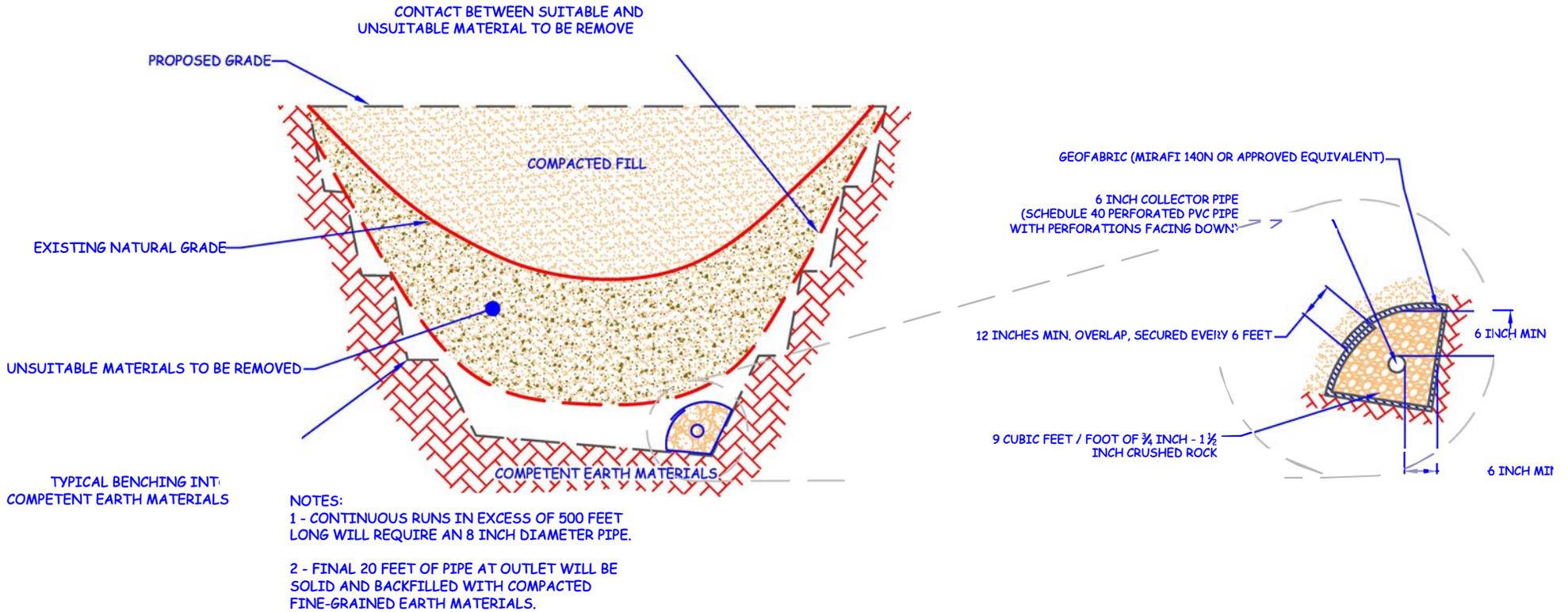


# BUTTRESS TYPICAL DETAIL

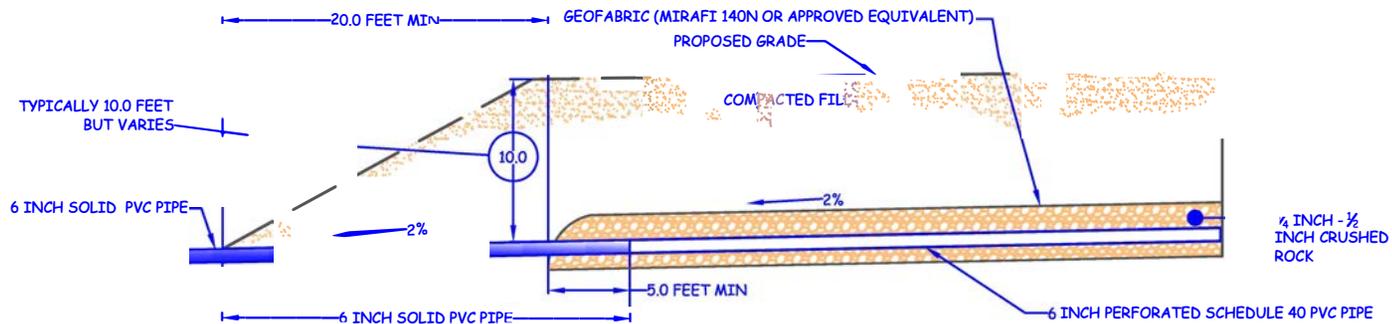




## CANYON SUBDRAIN SYSTEM TYPICAL DETAIL

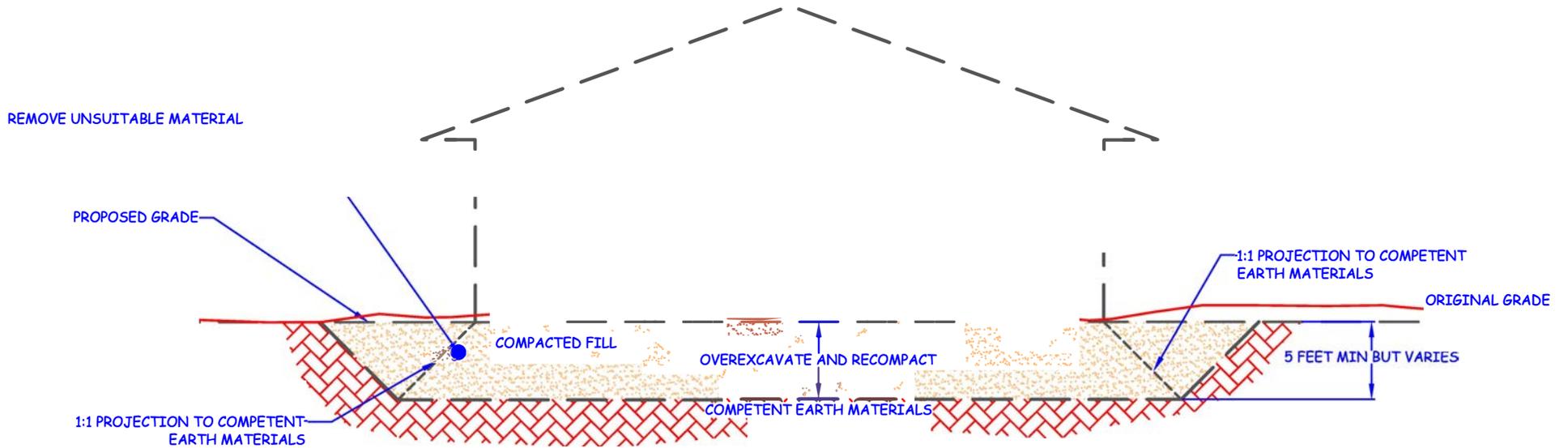


## CANYON SUBDRAIN TYPICAL OUTLET





## CUT LOT TYPICAL DETAIL

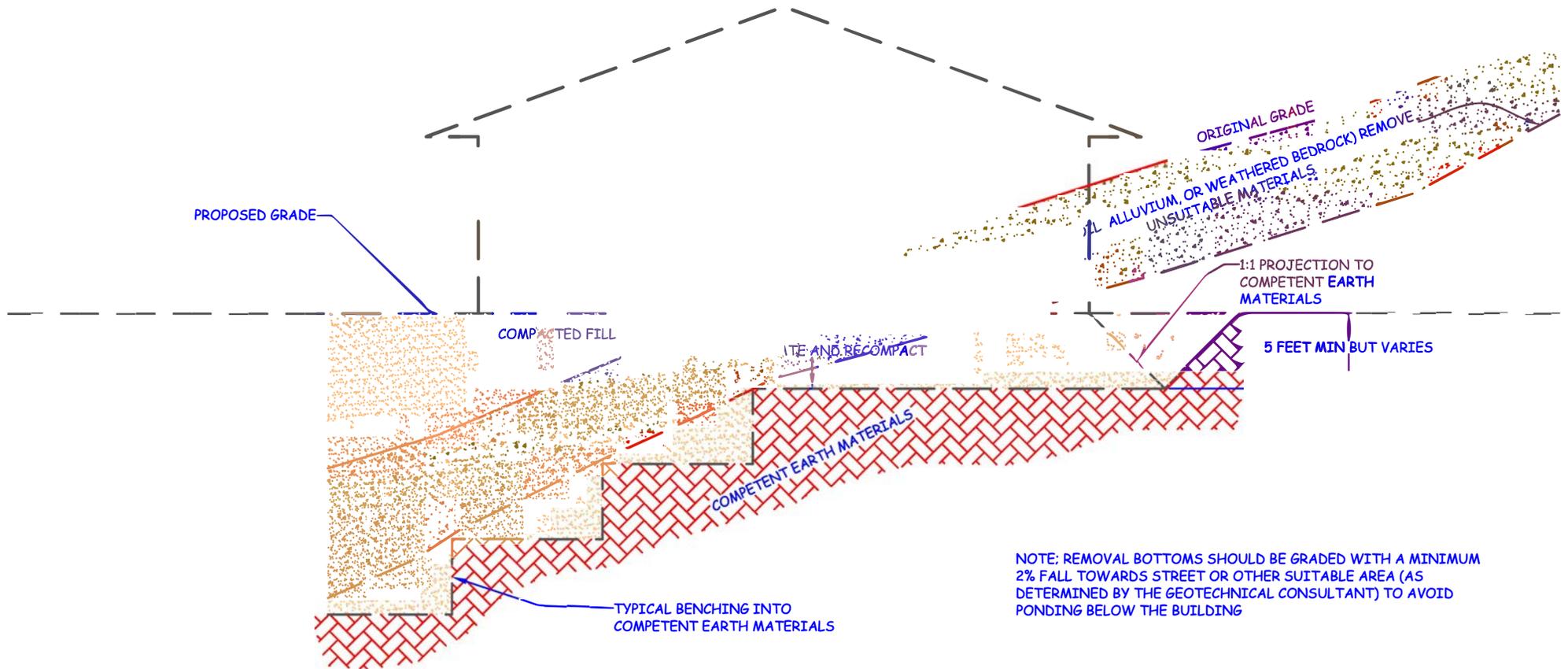


NOTE: REMOVAL BOTTOMS SHOULD BE GRADED WITH A MINIMUM 2% FALL TOWARDS STREET OR OTHER SUITABLE AREA (AS DETERMINED BY THE GEOTECHNICAL CONSULTANT) TO AVOID PONDING BELOW THE BUILDING

NOTE: WHERE DESIGN CUT LOTS ARE EXCAVATED ENTIRELY INTO COMPETENT EARTH MATERIALS, OVEREXCAVATION MAY STILL BE NEEDED FOR HARD-ROCK CONDITIONS OR MATERIALS WITH VARIABLE EXPANSION POTENTIALS



## CUT / FILL TRANSITION LOT TYPICAL DETAIL



NOTE: REMOVAL BOTTOMS SHOULD BE GRADED WITH A MINIMUM 2% FALL TOWARDS STREET OR OTHER SUITABLE AREA (AS DETERMINED BY THE GEOTECHNICAL CONSULTANT) TO AVOID PONDING BELOW THE BUILDING

NOTE: WHERE DESIGN CUT LOTS ARE EXCAVATED ENTIRELY INTO COMPETENT EARTH MATERIALS, OVEREXCAVATION MAY STILL BE NEEDED FOR HARD-ROCK CONDITIONS OR MATERIALS WITH VARIABLE EXPANSION POTENTIALS



# KEYWAY & BENCHING TYPICAL DETAILS CUT OVER FILL SLOPE

CONTACT BETWEEN SUITABLE AND  
UNSUITABLE MATERIALS TO BE REMOVE

EXISTING NATURAL GRADE

PROPOSED GRADE

OVERBUILD AND CUT BACK TO  
THE PROPOSED GRADE

1:1 PROJECTION TO  
COMPETENT EARTH  
MATERIAL

TEMPORARY 1:1 CUT

PROPOSED GRADE

COMPACTED FILL  
TO BE CUTBACK

(TOPSOIL, ALLUVIUM, OR WEATHERED  
BEDROCK) REMOVE UNSUITABLE MATERIALS

COMPETENT EARTH MATERIALS

2.0 FEET MIN

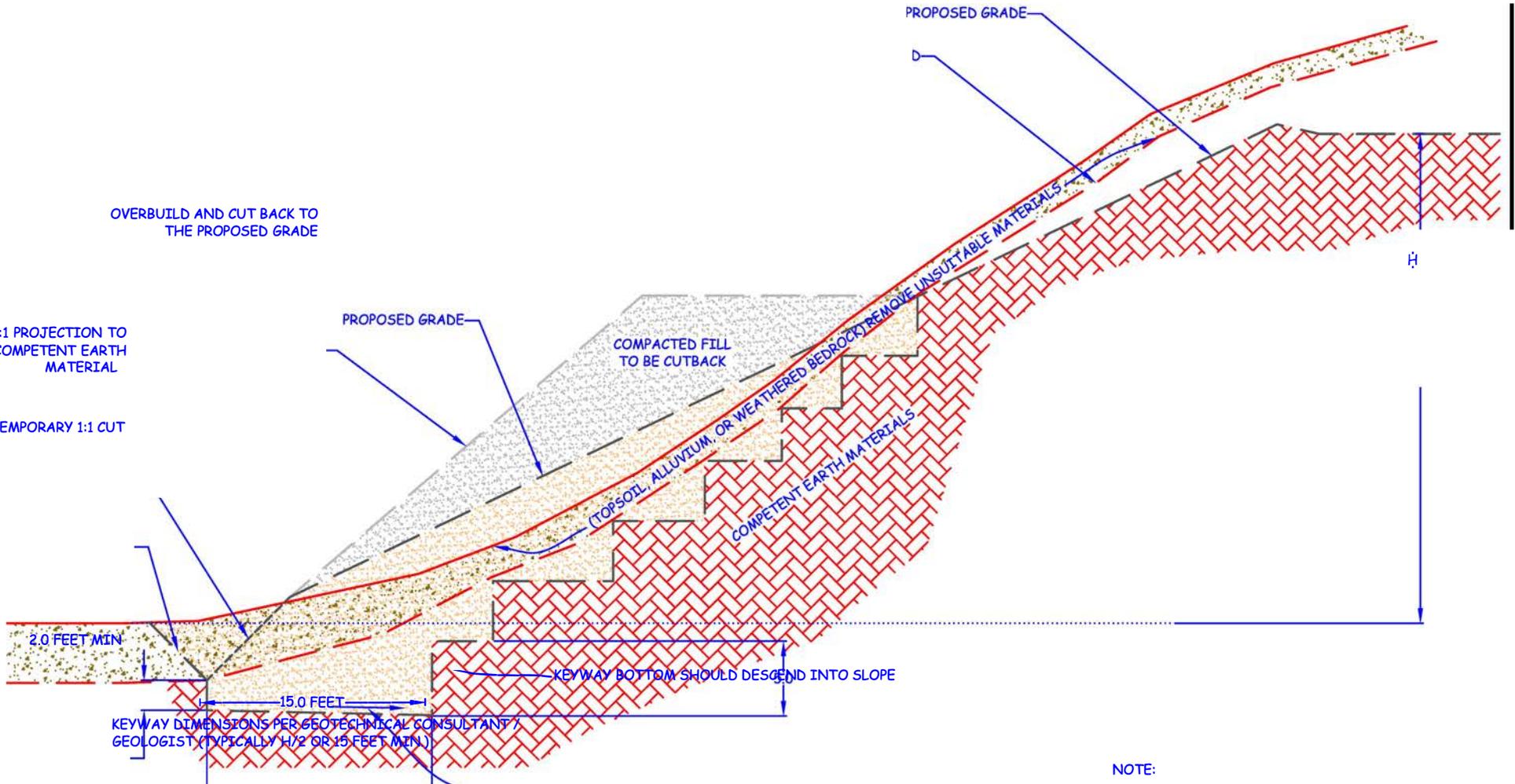
15.0 FEET

KEYWAY DIMENSIONS PER GEOTECHNICAL CONSULTANT /  
GEOLOGIST (TYPICALLY H/2 OR 15 FEET MIN)

KEYWAY BOTTOM SHOULD DESCEND INTO SLOPE

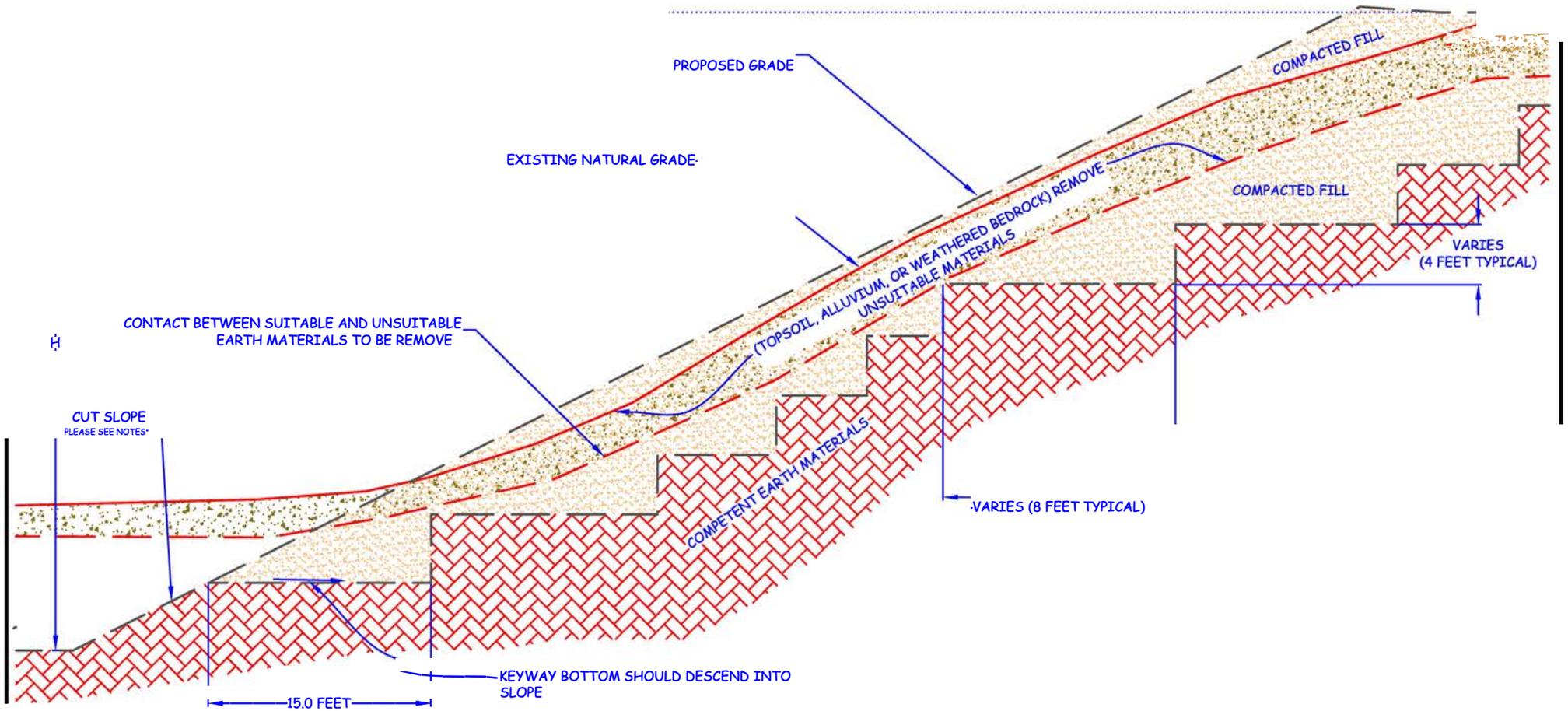
NOTE:

NATURAL SLOPES STEEPER THAN 5:1 (H:V) MUST BE  
BENCHED INTO COMPETENT EARTH MATERIALS





## KEYWAY & BENCHING TYPICAL DETAILS FILL OVER CUT SLOPE



KEYWAY DIMENSIONS PER GEOTECHNICAL CONSULTANT /  
GEOLOGIST (TYPICALLY H/2 OR 15 FEET MIN.)

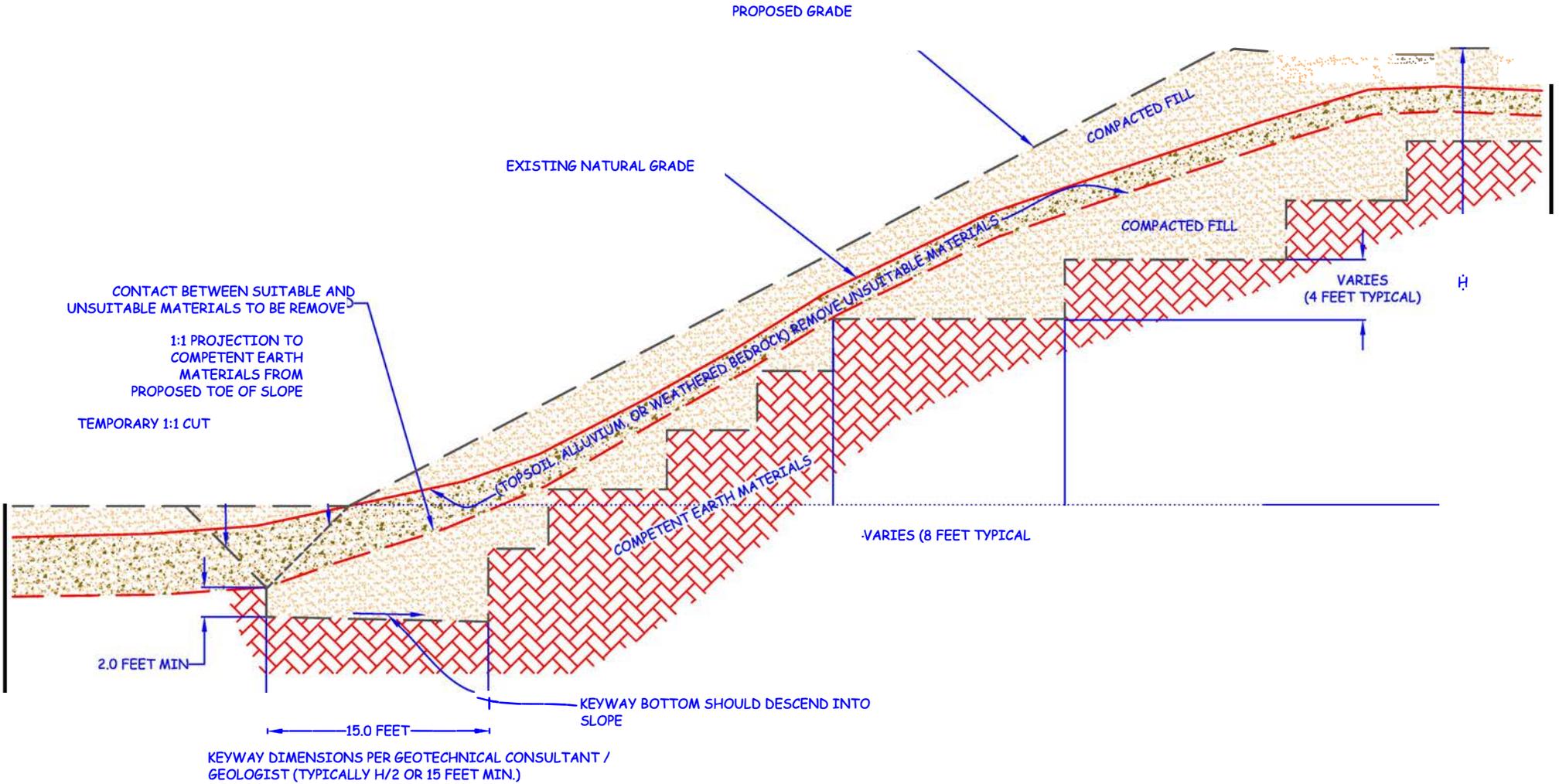
### NOTES:

NATURAL SLOPES STEEPER THAN 5:1 (H:V) MUST BE  
BENCHING INTO COMPETENT EARTH MATERIALS

THE CUT SLOPE MUST BE CONSTRUCTED FIRST



# KEYWAY & BENCHING TYPICAL DETAILS FILL SLOPE

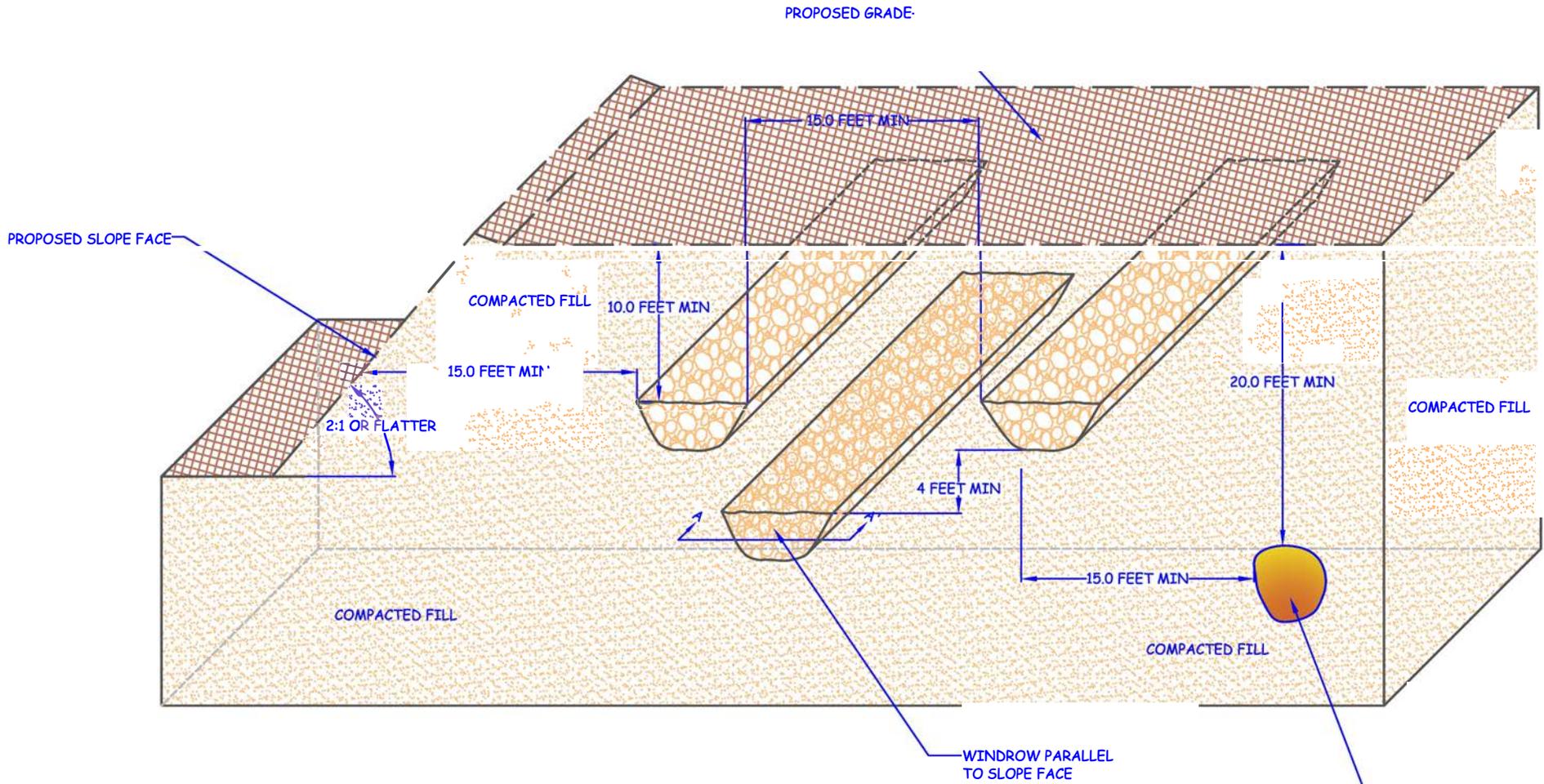


**NOTES:**

NATURAL SLOPES STEEPER THAN 5:1 (H:V) MUST BE BENCHING INTO COMPETENT EARTH MATERIALS

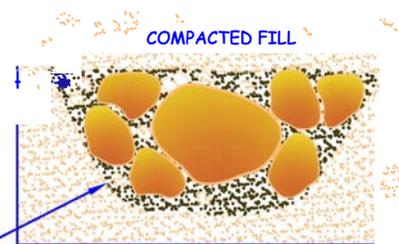


# OVERSIZE ROCK TYPICAL DETAIL



CROSS SECTION A-A'

JETTING OF APPROVED  
GRANULAR MATERIAL



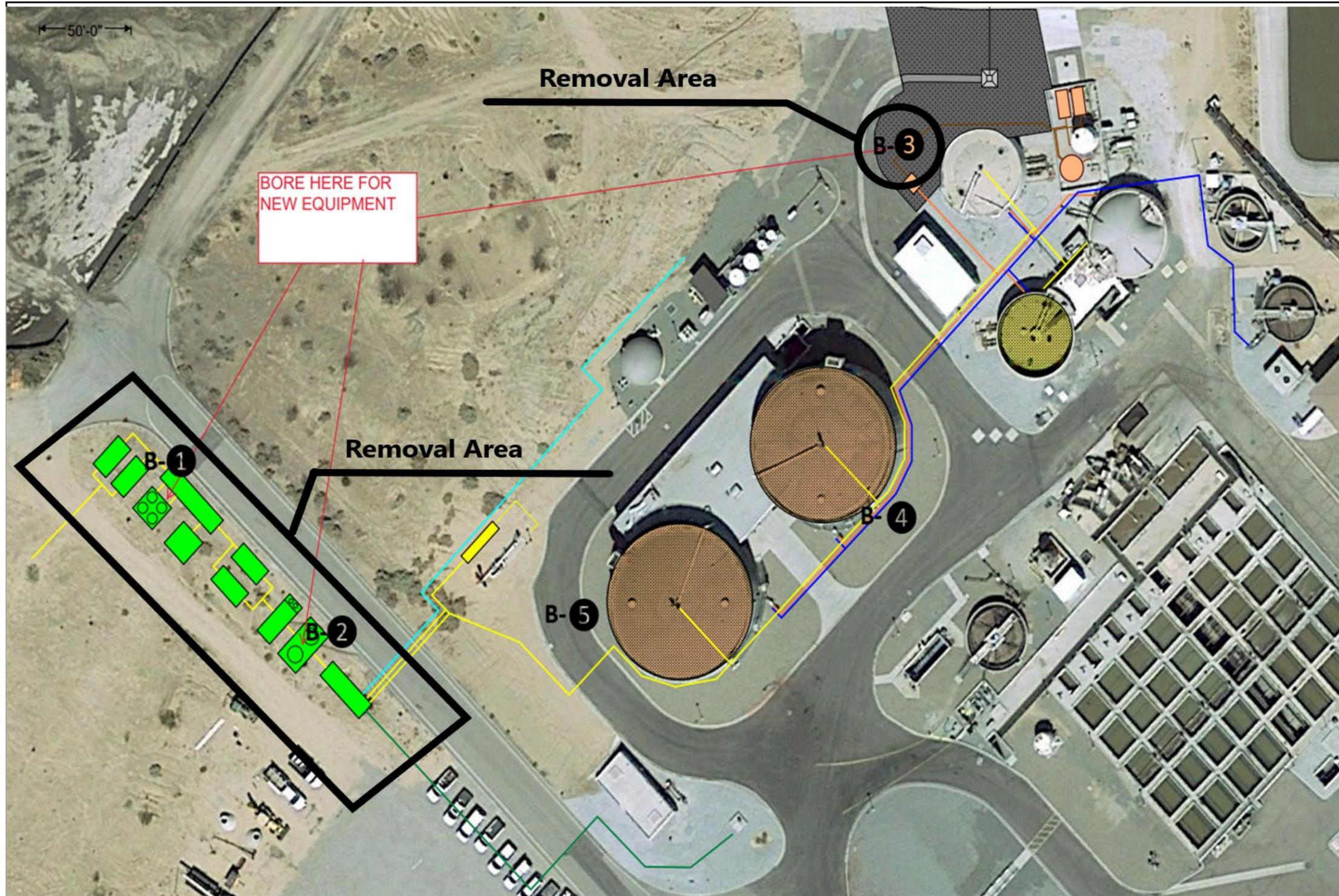
**NOTES:**

OVERSIZE ROCK IS LARGER THAN  
8 INCHES IN MAX DIAMETER

EXCAVATED TRENCH  
OR DOZER V-CUT

# **PLATE 1**

## **GEOTECHNICAL MAP**




<b>Proposed Sewage Treatment Plant Expansion</b>
1" = 20'
<b>Boring Locations: B-5</b>
4 Borings to a Maximum of 26.5 Ft
<b>Plate 1</b>
<b>Removal Depths: 3-5'</b>

**Geotechnical Map**

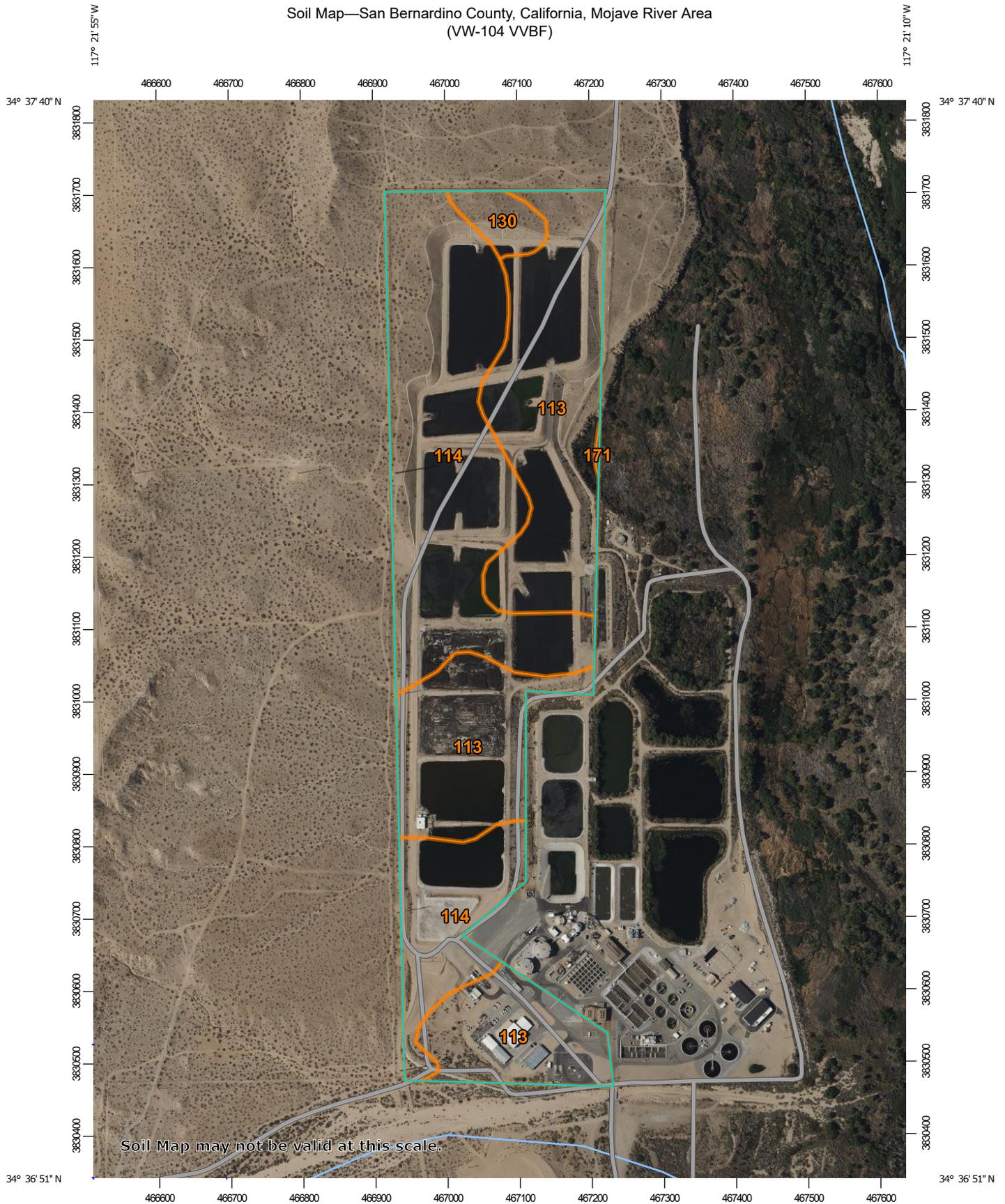
**8/24/2020**

**V20037-10**

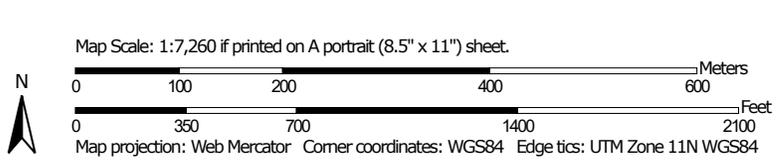
**Patel & Associates, Inc.**

**APPENDIX 5**  
**SOILS REPORT**

Soil Map—San Bernardino County, California, Mojave River Area  
(VW-104 VVBF)



Soil Map may not be valid at this scale.



## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

### Water Features



Streams and Canals

### Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

### Background



Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
Web Soil Survey URL:  
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Bernardino County, California, Mojave River Area  
Survey Area Data: Version 15, Aug 30, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2022—Jun 12, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
113	CAJON SAND, 2 TO 9 PERCENT SLOPES	37.3	49.8%
114	CAJON SAND, 9 TO 15 PERCENT SLOPES	35.5	47.4%
130	HAPLARGIDS- CALCIORTHIDS COMPLEX, 15 TO 50 PERCENT SLOPES	2.0	2.7%
171	VILLA LOAMY SAND	0.1	0.1%
<b>Totals for Area of Interest</b>		<b>74.9</b>	<b>100.0%</b>

**APPENDIX 6**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT**

# PHASE I ENVIRONMENTAL SITE ASSESSMENT

Victor Valley Bioenergy Facility, LLC / Victorville, CA

**Site Address:**

2011 Shay Road  
Victorville, California 92394

**Prepared by:**

**TRINITY CONSULTANTS**  
20 Corporate Park, Suite 285  
Irvine, CA 92606

September 23, 2022

Project No. 220501.0138



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# 1. INTRODUCTION

---

## 1.1 Purpose

Victor Valley Bioenergy Facility, LLC ("Client" or "User") contracted with Trinity Consultants ("Trinity") to conduct a Phase I Environmental Site Assessment ("ESA") for property located at 20111 Shay Road in the city of Victorville, CA 92394 (referred to as the "Site"). This Phase I ESA was prepared in accordance with American Society of Testing and Materials ("ASTM") Standard Practices E1527-13 for Environmental Site Assessments. This Phase I ESA is intended to review known or suspected Recognized Environmental Conditions ("RECs") for the Site based on existing property conditions and other available historical information.

## 1.2 Scope of Services

The scope of work was to perform a Phase I ESA per the service agreement between the Client and Trinity. Prescribed ASTM methodologies represent customary practice for conducting a Phase I ESA of commercial real estate for purposes of inquiring and identifying recognized environmental conditions. In general, the Phase I ESA included reviews of existing and historical information regarding the Site to determine the possible release of any hazardous substances, and generally include the following key tasks:

- ▶ Site Reconnaissance
- ▶ Interviews with key personnel
- ▶ Review of available historical sources/documents
- ▶ Review of available public agency records
- ▶ Review of environmental regulatory databases

The Phase I ESA did not include review of Asbestos Containing Building Materials (ACBM), lead based paint, drinking water, mold, radon, wetlands, vapor encroachment, threaten and endangered species, mercury, indoor air quality, earthquake hazards, land title records, property liens, tax filings and other non-scope items. The scope of work is otherwise further defined and limited by the professional service agreement between Client and Trinity.

## 1.3 Significant Assumptions

While this report provides an overview of potential environmental concerns, both past and present, the environmental assessment is limited by the availability of information at the time of the assessment. It is possible that unreported activities impairing the environmental status of the property may have occurred which could not be identified. The conclusions and recommendations regarding environmental conditions that are presented in this report are based on a scope of work authorized by the Client. However, no scope of work can identify all potential contaminants or all environmental conditions of the Site.

## 1.4 Limitations and Exceptions

This report has been prepared in accordance with generally accepted practices provided by ASTM E1527-13 and contains all of the limitations inherent in these methodologies. No other warranties, expressed or implied, are made as to the professional services provided. The findings and conclusions of this report are based on information provided by others. It remains possible that unexpected environmental conditions may be encountered at the Site in locations not specifically investigated. If this occurs, Trinity must be notified immediately so we can determine if modifications to our conclusions are necessary.

The services performed and outlined in this report were based upon visual observations of the site and attendant structures. Our opinion cannot be extended to portions of the Site that were unavailable for direct observation or that is beyond the reasonable control of Trinity. Observations relating to the condition of environmental media at the Site are described in this report. There may be substances or materials present on the Site other than those described by this report.

## 1.5 Special Terms and Conditions

In addition to the limitations and exceptions provided herein, this Phase I ESA are subject to the terms and conditions of the professional service agreement between Trinity and Client, including any limitations in scope of services provided by Trinity's proposal.

## 1.6 User Reliance

On behalf of Client, Trinity completed this Phase I ESA Report in accordance with a professional services agreement. This Phase I ESA and other related information, both verbal and written, are for the sole use and benefit of Client. In the absence of a written agreement or other specific written authorization signed by Trinity, 3rd parties shall not rely upon this Phase I ESA Report for any purpose.

## 1.7 Key Definitions

As may be used in this document, the following definitions apply per applicable ASTM standards for environmental site assessments.

- ▶ **De minimis condition** - a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.
- ▶ **Recognized Environmental Condition (REC)** - the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to a release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.
- ▶ **Historical Recognized Environmental Condition (HREC)** - a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls).
- ▶ **Controlled Recognized Environmental Condition (CREC)** - a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, *activity and use limitations, institutional controls, or engineering controls*).

## 2. SITE DESCRIPTION

This section contains basic information the Site, including location, legal description, site and vicinity characteristics, current uses, and other relevant information.

### 2.1 Location

The Site is located at 20111 Shay Road in the city of Victorville, California, which has an approximate population of 121,000 persons. Located within the high desert portion of San Bernardino County, Victorville has an elevation of approximately 2,900 feet above sea level. Route 66 is located less than one mile directly to the east of the Site, and outer boundaries of Southern California Logistics Airport development area (former George Air Force Base) are located less than a half-mile to the west of the Site. For purposes of this report, the scope of this Phase I ESA is limited to the Project Area, which the User intends to lease and operate its bioenergy production facility (refer to Figures 2 and 3).

### 2.2 Current Property Use

The Site is located on property owned and operated by the Victor Valley Wastewater Reclamation Authority (VWRA), which is a wastewater treatment facility that serves an approximate 279 square mile area that includes Apple Valley, Hesperia, Victorville, Spring Valley Lake, and Oro Grande. The VWRA facility treats approximately 10.7 million gallons of municipal and industrial wastewater on a daily basis. Wastewater processed by the VWRA plant is treated and disinfected before being discharged into either the Mojave River or onsite percolation ponds. Solids are processed in two (2) large onsite anaerobic digesters, where the resulting methane gas is used to produce approximately 70%+ of electricity required to power the VWRA plant equipment. On the southern portion of the Site, American Organics currently leases approximately 22 acres for a recycling materials composting business. For purposes of this Phase I ESA, the Project Area covers an approximate 500,000 square feet of leased land where existing drying beds are located on the VWRA facility (refer to Figure 3).

### 2.3 Adjoining Property Use

Table 2-1 below provides a summary description of the adjoining property uses, along with any recognized environmental conditions (RECs) based on visual observation of the adjoining properties. No visual indication of a hazardous material release originating from an off-site source or adjacent property were observed on the Site during the site inspection.

**Table 2-1. Summary of Adjoining Land Uses**

<b>Direction</b>	<b>Land Use</b>	<b>RECs</b>
North	Empty, undeveloped land	None
West	Empty, undeveloped land	None
East	Empty, undeveloped land	None
South	Former George Air Force Base	None

## 2.4 Physical Setting

### 2.4.1 Topography

The Site is located in the Victor Valley which is within the high desert area of California. According to USGS 7.5 minute topographic map, the Site has a ground surface elevation of approximately 2,900 feet above mean sea level (MSL) (refer to Figure 4). At an elevation of 4,400 feet, Quartzite Mountain lies approximately one to two miles to the northeast of the Site. The San Gabriel Mountains and San Bernardino Mountain ranges lie approximately 25 miles to the south of the Site, which have elevations up to 8,000 feet. As shown by Figure 2, the Site is located within close proximity to the Southern California Logistics Airport (former George Air Force Base). Immediately surrounding the facility is primarily empty, undeveloped desert land. The closest surface water body to the facility is the Mojave River, which runs parallel to the Site's eastern property line.

### 2.4.2 Flood Zone Information

Based on a records search of the online database, there are published Federal Emergency Management Agency (FEMA) flood zone maps for the area, which indicates the Site is within an area designated as Floodway Zone X (i.e., areas with minimal flood hazard).

## 3. HISTORICAL INFORMATION

### 3.1 Fire Insurance Maps

Fire insurance maps are used to determine fire hazards and were produced for many urban areas since the late 1800s. A review of the Sanborn Fire Insurance Map database indicates that there is no coverage for the site (refer to Appendix D).

### 3.2 City Directories

City directories have been produced for most urban and some rural areas since the late 1800s. These directories are often archived in research and municipal libraries. The directories are generally not comprehensive and may contain gaps in time periods. Historical city directory records were obtained through Environmental Data Resources (EDR) for the street and cross streets which the Site is located (refer to Appendix F). Where available, these city directories are provided in a minimum five-year increment and reviewed to determine historical property use of the Site. Based on review, the following records were found for the Site address:

- ▶ Victor Valley Wastewater Reclamation (1995)
- ▶ John Schock Construction (2000)
- ▶ Victor Valley Wastewater Reclamation (2000)
- ▶ Victor Valley Wastewater Reclamation (2005)
- ▶ SSC Construction (2010)
- ▶ Mountain High Ski Resort (2014)

### 3.3 Aerial Photographs

Table 3-1 below summarizes a review of the aerial photographs of the Site, which are provided in Appendix E. Based on available aerial photographs, the Site was undeveloped land prior to 1953. Structures are visible on the Site starting in 1978, which appear to be similar buildings for the existing VVWRA facility. The surrounding properties are largely undeveloped desert land through the aerial photographs through 2016.

**Table 3-1. Summary of Aerial Photographs**

<b>Year</b>	<b>Scale</b>	<b>Description of Site</b>	<b>Adjoining Properties</b>
1953	1 : 1000	Undeveloped land	Undeveloped land
1959	1 : 1000	Undeveloped land	Undeveloped land
1968	1 : 1000	Undeveloped land	Undeveloped land
1978	1 : 1000	Structures are visible	Undeveloped land
1984	1 : 1000	Structures are visible	Undeveloped land
1994	1 : 1000	Structures are visible	Undeveloped land
2005	1 : 1000	Structures are visible	Undeveloped land
2009	1 : 1000	Structures are visible	Undeveloped land
2012	1 : 1000	Structures are visible	Undeveloped land
2016	1 : 1000	Structures are visible	Undeveloped land

### 3.4 Historical Topographic Maps

Historical topographic maps for the Site and vicinity were reviewed, and provided for reference in Appendix C. As shown below, Table 3-2 provides summary descriptions of each historical topographic map of the Site and surrounding vicinity. Based on review, the Site was largely undeveloped until approximately 1966, at which point buildings are shown on the historical topographic maps.

**Table 3-2. Summary of Historical Topographic Maps**

<b>Year</b>	<b>Scale</b>	<b>Target Quad</b>	<b>Site Description</b>
1932	1 : 125,000	Barstow	Site is undeveloped.
1934	1 : 125,000	Barstow	Site is undeveloped.
1956	1 : 24,000	Victorville, Helendale, Adeltanto, Victorville NW	Site is undeveloped.
1968	1 : 24,000	Victorville, Helendale, Adeltanto, Victorville NW	Site is undeveloped.
1993	1 : 24,000	Victorville, Helendale, Adeltanto, Victorville NW	Wastewater facilities are shown.
2012	1 : 24,000	Victorville, Helendale, Adeltanto, Victorville NW	Wastewater facilities are shown.
2015	1 : 24,000	Victorville, Helendale, Adeltanto, Victorville NW	Wastewater facilities are shown.
2018	1 : 24,000	Victorville, Helendale, Adeltanto, Victorville NW	Wastewater facilities are shown.

## 4. PUBLIC RECORDS REVIEW

### 4.1 Environmental Databases

A search of available federal, state, and tribal environmental records was obtained from Environmental Data Resources (EDR). A complete copy of the EDR search records is provided in Appendix D, which contains federal, state, and tribal databases within the minimum search radius, plus additional database reviews. A subsequent review of EDR records for the Site was conducted for this Phase I ESA, which are provided in Appendix D and summarized below.

#### 4.1.1 Federal Environmental Records

A summary of the required federal records search is shown below in Table 4-1, and review of the regulatory information from these applicable databases is provided below. If the Site or nearby properties were identified on the applicable environmental databases, the subject properties are identified below. All other listed properties are provided in the search records as referenced in Appendix D.

**Table 4-1. Applicable Federal Environmental Records**

<b>Federal Records</b>	<b>Search Distance (miles)</b>	<b>Target Property Listed?</b>	<b>Nearby Properties Listed?</b>
NPL	1.00	No	Yes (1)
Proposed NPL	1.00	No	No
NPL Liens	0.00	No	No
Delisted NPL	1.00	No	No
Federal Facility	0.50	No	No
SEMS	0.50	No	Yes (1)
SEMS-ARCHIVE	0.50	No	No
CORRACTS	1.00	No	Yes (1)
RCRA – TSDF	0.50	No	Yes (1)
RCRA – LQG	0.25	No	Yes (1)
RCRA – SQG	0.25	No	No
RCRA – VSQG	0.25	Yes	No
US ENG CONTROLS	0.50	No	Yes (1)
US INST CONTROL	0.50	No	Yes (1)
LUCIS	0.50	No	No
ERNS	0.00	Yes	No

- ▶ **National Priorities List (Superfund)** - The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program.
- ▶ **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.
- ▶ **NPL 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.

- ▶ **Delisted NPL** - 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.
- ▶ **Federal Facility** - 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.
- ▶ **SEMS** - The SEMS Search allows the retrieval of Superfund data from the Superfund Enterprise Management System (SEMS) database in Envirofacts.
- ▶ **CERC-NFRAP** – CERCLIS No Further Remedial Action Planned - This database contains sites that have been removed and archived from the inventory of CERCLIS 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 this 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.
- ▶ **CORRACTS** – Corrective Action Report – CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.
- ▶ **RCRA-TSDF** – RCRA Treatment, Storage and Disposal Facilities – This 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).
- ▶ **RCRA (LQG)** – This RCRA 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 (LQG) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.
- ▶ **RCRA (SQG)** – This RCRA 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.
- ▶ **RCRA (CESQG)** – This RCRA 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.
- ▶ **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.
- ▶ **US INST CONTROL** – Sites with Institutional Controls - A listing of sites with institutional controls in place, such as administrative measures, 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.

- ▶ **LUCIS** – Land Use Control Information System - LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.
- ▶ **ERNS** – Emergency Response Notification System - ERNS records and stores information on reported releases of oil and hazardous substances.

#### 4.1.2 State and Tribal Environmental Records

Table 4-2 summarizes the results of the required state and tribal database search, and review of the regulatory information from these applicable databases is provided below. If the Site or nearby properties were identified on the applicable environmental databases, the subject properties are identified below. All other listed facilities are provided in the search records as referenced in Appendix D.

**Table 4-2. State and Tribal Environmental Records**

<b>Records</b>	<b>Search Distance (miles)</b>	<b>Subject Property Listed?</b>	<b>Nearby Properties Listed?</b>
RESPONSE	1.00	No	No
ENVIROSTOR	1.00	No	No
SWF/LF	0.50	No	Yes (3)
LUST	0.50	Yes	No
CPS-SLIC	0.50	No	No
INDIAN LUST	0.50	No	No
UST	0.25	No	No
AST	0.25	Yes	Yes (2)
INDIAN UST	0.25	No	No
FEMA UST	0.25	No	No
VCP	0.50	No	No
INDIAN VCP	0.50	No	No
US BROWNFIELDS	0.50	No	No

- ▶ **RESPONSE** – State Response Sites - This database 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.
- ▶ **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.
- ▶ **SWF/LF (SWIS)** – Solid Waste Information System - SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.
- ▶ **LUST** – The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents.
- ▶ **SLIC** – The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.
- ▶ **Indian LUST** – This is a list of leaking Underground Storage Tanks on Indian Land.

- ▶ **UST** – This is a list of active UST facilities from local regulatory agencies.
- ▶ **AST** – This is a list of active aboveground storage tank locations.
- ▶ **Indian UST** – The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land within applicable EPA Regions.
- ▶ **FEMA UST** – A listing of all FEMA owned underground storage tanks.
- ▶ **VCP** – A listing of all Voluntary Cleanup Program (VCP) sites.
- ▶ **INDIAN VCP** – A listing of voluntary cleanup priority sites located on Indian Lands.
- ▶ **US BROWNFIELDS** – A listing of Brownfields which are properties that redevelopment may be complicated by the presence or potential presence of a hazardous substance or contamination.

#### 4.1.3 Additional Environmental Records

Based on a search of other additional databases, the Site was also listed on additional databases listed below.

- |                  |                        |
|------------------|------------------------|
| ▶ CERS HAZ WASTE | ▶ EMI                  |
| ▶ PFAS           | ▶ ENF                  |
| ▶ CA HIST UST    | ▶ HAZNET               |
| ▶ CERS TANKS     | ▶ HIST CORTESE         |
| ▶ CHMIRS         | ▶ NPDES                |
| ▶ RCRA NonGen    | ▶ San Bern. Co. Permit |
| ▶ RMP            | ▶ WDS                  |
| ▶ ICIS           | ▶ WDR                  |
| ▶ FINDS          | ▶ CIWQS                |
| ▶ ECHO           | ▶ CERS                 |
| ▶ Cortese        | ▶ HWTS                 |
| ▶ RGA LUST       | ▶ RGA LF               |
| ▶ HAULERS        | ▶ ERNS                 |

If adjoining properties (within 1/8 mile) were identified on additional environmental databases, the subject properties and database are identified below. Full details of the EDR radius map and search are provided in Appendix D.

- ▶ CERS HAZ WASTE
- ▶ PFAS
- ▶ CA HIST UST
- ▶ CERS TANKS
- ▶ RCRA NonGen
- ▶ DOD
- ▶ ROD
- ▶ RAATS
- ▶ PRP
- ▶ HAZNET
- ▶ San Bern. Co. Permit
- ▶ RGA LF

#### 4.1.4 Discussion

Based on the above records search, the Site had a leak of an oil storage tank with possible soil impacts was reported on September 18, 1992 (Map #A13), which the case was subsequently closed on November 23, 1992. In addition, there were reported spills (Map ID #A4 and A20) that involved treated and untreated sewage that occurred onsite and offsite, including, possible discharges into the Mojave River. These reported sewage spill did not involve hazardous materials. The Site is also located within close proximity to the former George Air Force Base, which is designated on the National Priorities List (NPL) as an active federal cleanup site (refer to Section 4.2.2).

## 4.2 State and Local Agency Research

### 4.2.1 State Department of Health Services

The Site is under the jurisdiction of the State of California Department of Toxic Substances Control (DTSC) for management and disposal of hazardous wastes. DTSC's Hazardous Waste Tracking System (HWTS) database identifies a list of hazardous waste generators within the state, including small quantity generators (SQG) and large quantity generators (LQG). Table 4-3 below summarizes the records found on the HWTS database for the Site.

**Table 4-3. List of HWTS Results**

<b>ID</b>	<b>Facility Name</b>	<b>Status</b>
CAR000304600	VICTOR VALLEY WASTEWATER RA	Inactive
CAC000823224	1X VICTOR VALLEY WASTEWATER	Inactive
CAL912693193	VICTOR VALLEY WASTEWATER RA	Active
CAL000070500	VICTOR VALLEY WASTEWATER RA	Inactive

Based on the above DTSC database records, the Site has historically been a Small Quantity Generator (SQG) of hazardous wastes. These public records do not indicate there have been any prior releases of hazardous materials nor related investigations on the Site.

### 4.2.2 Regional Water Quality Control Board

The Site is under the jurisdiction of the State of California Water Resources Control Board (SWRCB), Lahonta Region 6. A search of the SMARTS database (managed by SWRCB) indicates the Site submitted a Notice of Intent (NOI) on October 15, 2020 for permitting to discharge industrial stormwater under the California General Industrial Stormwater Permit under Waste Discharger Identification (WDID) number 6B36I005756. In addition, open and closed cleanup sites, underground storage tank sites, and other water board investigations can be reviewed on the state's GeoTracker system, which is also managed by the SWRCB. Based on a records search of the GeoTracker database, Table 4-4 below lists the results of a records search of the state's GeoTracker database (refer to Appendix F), which are related to the Site.

**Table 4-4. List of Records on GeoTracker**

<b>Site Name</b>	<b>Global ID</b>	<b>Status</b>	<b>Address</b>	<b>City</b>
Victor Valley Wastewater Facility	T0607100790	LUST Closed Case (11/23/1992)	20111 Shay Road	Victorville
Recycled Water – VVWRA Administrator	WDR100036874	Active WDR as of 1/11/2017	20111 Shay Road	Victorville
Recycled Water – VVWRA Administrator	WDR100036878	Active WDR as of 11/14/2012	20111 Shay Road	Victorville

As noted above, the records indicate a reported leak of an oil storage tank with possible soil impacts on September 18, 1992, which the case was subsequently closed on November 23, 1992. As stated in a prior Phase I ESA Report (dated May 8, 2021), Trinity contacted Mr. Jehiel (Jay) Cass and Mr. Jeff Brooks, who are the Lahontan Regional Water Quality Board contacts for the VVWRA site. Mr. Brooks indicated the water board did not have specific information on the 1992 tank closure, and believed these files resided with the San Bernardino County Fire Department. For this Phase I ESA, public records request was submitted to the County fire department. County Fire records show site remediation activity due to the leak recorded in 1992; however, there are no records of any tank removals.

There is an active NPL site (former George Air Force Base) within close proximity to the Site, which has several Operating Units (OU) with ongoing investigations and groundwater monitoring (refer to Section 4.2.2). Operating Unit #1 (OU1) includes a Site CG070 or Northeast Disposal Area (NEDA), which consists of a 660-acre low-concentration, dissolved-phase chlorinated ethene plume, which trichloroethene (TCE) is the primary contaminant in groundwater beneath the northeast portions of the base and adjacent off-base area in the NEDA. Based on a prior Phase I ESA (dated May 8, 2021), Trinity previously contacted Mrs. Linda Stone, who is the Lahontan Regional Water Quality Board contact for the former George Air Force Base. Mrs. Stone indicated the TCE plume extends beyond the former George Air Force Base within close proximity to VVWRA. However, Mrs. Stone was not aware of any specific TCE impacts on the VVWRA site, and forwarded a copy of the 2019 Basewide Annual Monitoring and Operations Report for the Former George Air Force Base. Based on review of this report, there is migration of a trichloroethene (TCE) plume in the general northeast direction from the former George Air Force Base (refer to Figure 7a and 7b). Further, the maximum concentration of TCE of 57 mg/l in the Upper Aquifer was detected in monitoring well NZ-99, which appears close to the west property line of the Site.<sup>1</sup>

For this Phase I ESA, Trinity contacted Lynn Bailey, Cleanup Project Manager, Federal Facilities for EPA Region 9, who provided access to the most recent documents for the Site, including, the Final 2020 Basewide Annual Monitoring and Operations Report for Former George Air Force Base. Based on review of this report, twenty-three (23) groundwater wells detected TCE in the Upper Aquifer at concentrations above Maximum Contaminant Levels (MCL) of 5 ug/L. In the Upper Aquifer, the highest TCE concentration was 46.2 ug/L in Well NZ-93.<sup>2</sup> In the Lower Aquifer, Well NZ-107 was the only well in which TCE (82 ug/L) was detected

<sup>1</sup> Final 2019 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, Air Force Civil Engineer Center, May 2020, Page 3-3.

<sup>2</sup> Final 2020 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, Air Force Civil Engineer Center, July 2021, Table ES-1 2020 Monitoring Summary and Results, Page ES-2.

above the MCL of 5 ug/L.<sup>3</sup> With respect to Well NZ-99 which is situated in close proximity to the west property line of VVWRA as noted above, TCE detections in the Upper Aquifer were shown to decline to 40.4 ug/L.<sup>4</sup> Further, based on recent comments from EPA Region 9, the George AFB has ongoing remediation and investigation for TCE in OU1, and other parts of the site.<sup>5</sup> In addition, EPA Region 9 indicate that Per- and polyfluoroalkyl substances (PFAS) were identified in soil and groundwater onsite and offsite, including at least one offsite private well.<sup>6</sup> EPA Region 9 further commented that some of this contamination may originate from existing locations and/or operating units at George AFB, and further required a detailed investigation into PFAS contamination that may have occurred related to prior activities at George AFB.<sup>7</sup>

The Site is also listed as operating under Waste Discharge Requirements (WDRs) issued by the State Water Resources Control Board. As stated in the prior Phase I ESA (dated May 8, 2021), Trinity previously contacted Mr. Jehiel (Jay) Cass, who is a Lahontan Regional Water Quality Board contact for the VVWRA site. Mr. Cass was requested information on any TCE impacts on the VVWRA site relating to the former George Air Force Base. Mr. Cass forwarded the 2019 Annual Groundwater Monitoring Report which provided sampling results of the VVWRA monitoring wells (see Figure 6b) that are part of permitted Waste Discharge Requirements (WDR). This report indicate that VOCs were detected in the VVWRA monitoring wells at concentrations below 1 ug/L, including, chloroform, TCE, tetrachloroethene, and cis-1-2-dichloroethane.<sup>8</sup> However, each of these detected VOCs were well below their designated Maximum Contaminant Levels (MCLs). In addition, this report indicate nitrates, total dissolved solids (TDS), minerals and metals (copper, iron, manganese and zinc) are routinely monitored, which show compliance with applicable Water Quality Objectives (WQOs).<sup>9</sup> The general conclusions of this annual monitoring report indicate with a few exceptions, VVWRA is in compliance with the receiving groundwater limitations specified by the WDRs intended to maintain beneficial use of municipal and domestic supply.<sup>10</sup> Further, the report concluded that impacts from offsite sources, including the former George Air Force Base and American Organics, for constituents listed in the WDRs had not been observed in the 15 onsite wells.<sup>11</sup>

For this Phase I ESA, Trinity contact Mr. Sergio Alonso, who is a Water Resources Control Engineer for Lahontan Regional Water Board. Mr. Alonso provided a copy of the 2021 Annual Groundwater Monitoring Report for the Site. As similar to the prior 2020 Annual Groundwater Monitoring Report, it was reported that with few exceptions VVWRA remains generally in compliance with the receiving groundwater limitations within its WDR permits, which include TDS, nitrate-N, and general minerals.<sup>12</sup>

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<sup>3</sup> Id.

<sup>4</sup> Final 2020 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, Air Force Civil Engineer Center, July 2021, Figure 3-1

<sup>5</sup> Letter to Donald Gronstall, BRAC Environmental Coordinator, EPA Review of Draft Fifth Five Year Review, Former George Air Force Base, Victorville, California, May 12, 2022, Attachment No 2 – EPA Comments

<sup>6</sup> Id.

<sup>7</sup> Id.

<sup>8</sup> 2019 Annual Groundwater Monitoring Report – VVWRA, Luhdorff & Scalmanini, January 2020, Table 3-7

<sup>9</sup> Id. at Tables 3-3, 3-4, 3-5 and 3-6.

<sup>10</sup> Id. at Page 10.

<sup>11</sup> Id. at Page 11.

<sup>12</sup> 2020 Annual Groundwater Monitoring Report – VVWRA, Luhdorff & Scalmanini, January 2021, Page 12

### 4.2.3 County Department of Health Services

The Site is within the jurisdiction of the San Bernardino County Department of Public Health and the Department of Environmental Health. An online search indicate there are no records associated with the Site. A public records request was submitted to the County, which did not have any records from the Department of Public Health. The Department of Environmental Health provided records related to the small water system and monitoring wells (refer to Appendix G).

### 4.2.4 Local Air Pollution Control District

The Site is under the jurisdiction of the Mojave Desert Air Quality Management District (MDAQMD) for air pollution concerns. Table 4-5 below summarizes the results of a records search on the MDAQMD database, which identifies the associated addresses with MDAQMD permits for the Site.

**Table 4-5. List of MDAQMD Facility Search Results**

<b>AQMD ID</b>	<b>Facility Name</b>	<b>Address</b>	<b>Status</b>
1124	VVWRA – 20111 Shay	20111 Shay Road, Victorville, CA	Active
4059	SoCal Biomethane, LLC – VVWRA	20111 Shay Road, Victorville, CA	Active
4062	South West Gas – VVWRA RNG	20111 Shay Road, Victorville, CA	Active

For the above AQMD IDs, the Site has been identified with inactive and active permits to operate for diesel internal combustion engines, digester gas flare, primary and secondary treatment system, chlorination system, anaerobic sewage sludge digester system, sludge treatment system, activated sludge air supply system, natural gas internal combustion engine, a thermal oxidizer, an odorant tank and injection system, and a boiler. These public records do not indicate there have been any prior releases of hazardous materials nor related investigations on the Site.

### 4.2.5 Local Fire Department

The Site is under the jurisdiction of San Bernardino County Fire Protection District, which is also the Certified Unified Program Agency (CUPA) for the Site. Response to the public records request submitted to San Bernardino County Fire Protection District yielded the following responses:

- ▶ June 1, 1989 - On 5/30, about one pound of chlorine gas was released due to a faulty valve. Incident was immediately taken care of. Case closed.
- ▶ June 6, 1990 - Complaint of 10-12 55 gallon drums in the back of the property. Site was inspected on 6/14/1990. Case closed.
- ▶ September 18, 1992 - There are no records related to the removal, installation, or modification of former underground storage tank(s) on the Site. However, there is a record related to an oil release that was discovered during tank closure on 9/18/1992 which was stopped on 9/18/1992. The case was closed on 11/23/1992. Correspondence with the Fire Protection District indicates that when the Fire Protection District regained the CUPA jurisdiction for the entire county in 2015, it was discovered that some documents had been purged from the facility file.

- ▶ April 28, 2011 - Caller states release of wastewater with 4.14 PPM of chlorine residual. Caller states reservoir overflowed and was a 21-minute overflow. Release entered the Mojave River. Case closed.
- ▶ January 28, 2016 - Notification of a power outage that caused the pumps to malfunction resulting in the release of 100,000 gallons of secondary treated sewage. The release went onto the ground and into a storm drain leading to the Mojave River. The release was contained and clean-up was conducted.

In addition, a search of the CalEPA Regulated Site Portal database indicates the site previously filed Hazardous Materials Business Plans (HMBP) with the California Environmental Reporting System (CERS), which indicate historical usage of urea, sodium hypochlorite, sodium hydroxide, ferric chloride, ethylene glycol, engine oil, diesel, calcium hypochlorite, and ammonium hydroxide (refer to Appendix G).

#### **4.2.6 Local Public Works Department**

A public records request was submitted to the County of San Bernardino Department of Public Works, which did not have any records related to the property.

### **4.3 National Priorities List Sites**

Based on a public records search, there is one (1) nearby property that is listed on the National Priorities List (NPL) within close proximity to the Site: Former George Air Force Base. Public information and excerpts from recent technical reports related to this NPL site are provided in Appendix F. A summary discussion of the NPL sites is provided below, which was taken from U.S. EPA fact sheets, Superfund websites, and other publicly available reports:

#### **4.3.1 Former George Air Force Base**

The 5,347-acre George Air Force Base was established in World War II and closed in December 1992. Its mission was to support tactical fighter operations and provide training for air crews and maintenance personnel that mandated the use and disposal of hazardous and non-hazardous materials. The base was established during World War II in the early 1940s and was closed in December 1992. Its mission was to support tactical fighter operations and provided training for air crews and maintenance personnel. To meet mission requirements, the base engaged in a variety of support operations such as aircraft maintenance and firefighting training that mandated the use and disposal of hazardous and non-hazardous materials. At least 50 years of military aircraft operations resulted in various contaminants of potential concern (COPCs) being released into soil and leaching into groundwater, potentially impacting human health and the environment.

Eighty-four Installation Restoration Program sites with potential chemical contamination have been identified at George AFB. Five Operational Units (OUs) have been created under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) to manage these sites. As of 2019, OU1, OU3, and OU5 remain active at George AFB. OU2 and OU4 have been dissolved and were realigned into other OUs or identified as non-CERCLA sites.<sup>13</sup> Groundwater is contaminated with jet fuel, trichloroethylene (TCE), pesticides, and nitrates. Soil is contaminated with total petroleum hydrocarbons (TPHs), dioxins, construction debris, medical wastes, pesticides, semi-volatile organic compounds (SVOCs), and various inorganic compounds. Accidental ingestion of or direct contact with the contaminants may pose a health risk. A summary description of these OUs are as follows:

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<sup>13</sup> Superfund Site Profile, Former George Air Force Base, United States Environmental Protection Agency ([www.epa.gov](http://www.epa.gov))

- ▶ OU1 consists of three sites: Site SD025, the Industrial Storm Drain; Site WP026, the sewage treatment plant (STP) percolation ponds; and Site CG070, the dissolved TCE plume in groundwater beneath the northeastern portions of the base and adjacent off-base area in the Northeast Disposal Area. Sites SD025 and WP026 were previously determined to be No Further Action (NFA) sites. Site CG070 was the only site requiring remediation and investigation.
- ▶ OU2 is contaminated with petroleum hydrocarbons (jet fuel) in groundwater from soil. As noted above, this OU2 has been dissolved, and realigned into other OUs or identified as non-CERCLA sites.
- ▶ OU3 includes contaminated groundwater sites, landfills, disposal areas, and the Southeast Disposal Area (SEDA) that have been impacted by fuels, oils, and solvents. No contaminants of concern (COCs) were identified in surface or subsurface soil above screening criteria during the remedial investigation (RI) at Site LF044. Groundwater at Site LF044 (monitoring well NZ-80) contains nitrate and TCE at concentrations above the maximum contaminant level (MCL). The primary COC at Site FT019a remains TPH as TPG-gasoline (TPH-g) but also includes benzene, TPH-diesel (TPH-d) and xylenes as COCs. At FT019c, TCE is the primary COC but also includes ethylbenzene, TPH-d, TPH-g and xylenes. COCs at OT069 include tetrachloroethene (PCE), TCE, cis-1,2-dichloroethene (cis-1,2-DCE), and 1,1-dichloroethane (1,1-DCA) in groundwater. Several sites are being assessed for MMRP including Sites DP033, DP034, WP040, SS052, XU400, and SR401.
- ▶ OU4 was created in 2005 to address eight soil sites, five of which were closed as No Further Response Action Planned sites in 2008 and the remaining three sites were transferred to OU5.
- ▶ OU5 consists of three skeet ranges and sites FT082 and SS083, which were identified in 2006 as contributing sources of TCE in groundwater at OU1 Site CG070 and OU3 Site OT069. TCE is the primary COC in groundwater at OU5.
- ▶ Non-CERCLA sites – Site ZZ051 is contaminated with PAHs and TPH-g in soil and groundwater; Site ST054 is impacted by TPH-g, benzene, toluene, ethylbenzene and xylene (BTEX), and MTBE in soil vapor and groundwater; Site ST057 is impacted by TPH-g, BTEX, and MTBE in soil vapor and groundwater; Site ST067b is impacted by TPH-g, BTEX, and MTBE in soil vapor and groundwater; Site OT071 is impacted by dieldrin in groundwater; Site SS084 is impacted by TPH-g, BTEX, and MTBE in soil and groundwater; and Site SS030 is impacted by DCA, benzene, (cis-1,2-DCE), ethylbenzene, MTBE, and TCE in groundwater.

#### **4.4 Vapor Encroachment Screening**

Trinity conducted a Vapor Encroachment Screen (VES) investigation in accordance with the ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM E 2600-22). The goal of the VES investigation was to identify the potential for vapors from hazardous substances and petroleum releases to reach the Site. ASTM E2600-22 defines a vapor encroachment condition (VEC) as the presence or likely presence of chemical of concern (COC) vapors in the vadose zone of the Site caused by the release of vapors from contaminated soil and/or groundwater either on or near the Site as identified by Tier 1 or Tier 2 procedure within the prescribed standard. COCs have a vapor pressure greater than 1 mm of mercury, or a Henry's Law Constant greater than  $1 \times 10^{-5}$  atm m<sup>3</sup>/mole at ambient temperature and pressure, and can potentially migrate as a vapor into the vadose zone of the Site.

Trinity performed a VES investigation for the area encompassing the Site by reviewing each of the regulatory sites that were provided by EDR in order to identify nearby properties with known or suspected COC contamination of soil and/or groundwater within a defined Area of Concern (AOC). Per the ASTM standard, the AOC for contaminated sites with non-petroleum hydrocarbon COC, such as chlorinated solvents, is 1,760

feet (1/3 mile) around the Site extending from its boundary. For sites with petroleum hydrocarbon COC, such as BTEX, the AOC is 528 feet (1/10 mile) around the Site extending from its boundary.

For Tier 1 screening, sites were reviewed within the defined AOCs noted above. With exception of the former George Air Force Base and VVWRA site, all other locations were excluded from further Tier 2 screening based on distance, identified COCs, estimated hydrologic gradient, history of subsurface contamination (if any), and/or status of regulatory cleanup or closure. Additional review for the VVWRA site and former George Air Force Base is discussed further below.

For Tier 2 screening, the VVWRA site was identified with prior releases of petroleum products in soil, which was discovered during removal of a former underground tank.<sup>14</sup> Public records indicate soil cleanup case was subsequently closed on November 23, 1992.<sup>15</sup> As a consequence, the existence of a VEC from this prior release of petroleum COCs is unlikely. As discussed in this report, the former George Air Force Base has known prior releases of chlorinated solvents, including TCE, within close proximity to the VVWRA Site. Since the impact of TCE plume (and possibly other COCs) from the former George AFB are unknown, the existence of a VEC could not be ruled out from this source.

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<sup>14</sup> Geotracker Database, State Water Resources Control Board, Global ID T0607100790

<sup>15</sup> Id.

## **5. USER PROVIDED INFORMATION AND INTERVIEWS**

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### **5.1 Interviews**

#### **5.1.1 Interview with Owner**

The current owner and site manager is VVWRA.

#### **5.1.2 Interview with Site Manager**

During the Site inspection on August 23, 2022, Trinity interviewed VVWRA representatives: Brad Adams, Plant Superintendent and Darren Poulsen, Plant Manager. Mr. Adams escorted Trinity personnel on a tour of the Site and provided information on the current operations and historical information. The VVWRA representatives the Project Area consisted of existing drying beds for biosolids, which are located on the northern side of the Site (refer to Figure 3). They confirmed the southern portion of the Site is leased to American Organics, which uses the property as a composting facility. Further, the VVWRA representatives were not aware of the location and details of a 1992 storage tank closure/removal on the Site. The VVWRA was also asked about any monitoring wells on or near the Site, which indicated the U.S. Air Force Base was allowed to install and monitor groundwater wells due to potential offsite migration of pollutants from the former George Air Force Base. For the prior Phase I ESA (dated May 8, 2021), the VVWRA representatives previously provided a map of the existing monitoring well network (refer to Figure 6a).

#### **5.1.3 Interview with Occupants**

As noted above.

#### **5.1.4 Interviews with Others**

Trinity made contact with several representatives of the Lahontan Regional Water Quality Control Board and U.S. Environmental Protection Agency (refer to Section 4.2.2).

### **5.2 User Provided Information**

#### **5.2.1 Title Records**

A review of the chain-of-title information was not part of the scope of work for this Phase I ESA.

#### **5.2.2 Environmental Liens or Activity and Use Limitations**

A review of the liens, zoning, or other use limitations was not part of the scope of work for this Phase I ESA.

#### **5.2.3 Specialized Knowledge**

No specialized knowledge of the Site was disclosed nor reported.

#### **5.2.4 Valuation Reduction for Environmental Issues**

No property valuation reduction relating to environmental concerns was disclosed nor reported.

### **5.2.5 Owner, Property Manager and Occupant**

Applicable interviews and contacts were noted above.

### **5.2.6 Reason for Performing Phase I ESA**

The Phase I ESA was completed to establish a baseline of property conditions prior to the parties prior to entering a long-term lease of the Site.

## 6. SITE RECONNAISSANCE

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Trinity staff (Steve Walters) visually inspected the Site on August 23, 2022, who were escorted by VWWRA representatives. On the day of the Site inspection, the weather was sunny with clear skies with temperatures in the mid-90s °F. During the Site inspection, exterior and interior areas of the buildings on the Site were inspected unless access was restricted. To the extent possible, visual observations were made of existing environmental conditions on the interior and exterior of accessible portions of the buildings, as well as exterior of adjoining properties. General descriptions and summary discussions of the observations are provided below.

### 6.1 General Site Characteristics

The Site is located within the high desert area of California, which is primarily surrounded by undeveloped desert land. The Mojave River runs parallel to the eastern property line of the Site. There is a single vehicular access road to the Site (Shay Road), which the entrance is blocked by a security gate. There is employee parking and administrative offices located near the front entrance. The Site operates as a typical wastewater treatment plant for municipal sewage with primary, secondary, and tertiary treatment processes, including screens, aeration, sedimentation, digesters, chemical treatment, and others. Treated wastewater effluent is either discharged into percolation ponds located on southern portions of the Site, or into the Mojave River at a discharge point located on the eastern property line of the Site (refer to Site pictures).

### 6.2 Exterior Observations

Wastewater plant operations are conducted outdoors, which include two (2) large digesters, percolation ponds, biosolid drying beds, effluent discharge location, lined ponds, and other support operations and infrastructure. The Project Area is located on the northern portion of the Site, which includes existing biosolid drying beds (refer to Figure 3). Based on ground level visual inspection, exterior observations of these plant operations are summarized below. Note that Site pictures can be found in Appendix B.

- ▶ **Storage Tanks** – Aboveground storage tanks were observed for diesel fuel (1,000 gallons), waste oil (750 gallons), a ferric acid tank (5,000 gallons) and sulfuric acid tank (5,400 gallons).
- ▶ **Hazardous Substances or Petroleum Products** - Hazardous substances observed include the above referenced storage tanks.
- ▶ **Odors** - Sewage odors were observed throughout the Site.
- ▶ **Pools of Liquid** – Wastewater was observed in various treatment tanks and equipment. Lined ponds of water were observed on the site, as well as percolation ponds operate on southern portions of the Site.
- ▶ **Drums** – There is a small shed used to store drums of petroleum products and hazardous wastes (refer to site pictures).
- ▶ **Unidentified Substance Containers** – None observed.
- ▶ **Possible PCB sources (electrical or transformers)** – There were transformers observed near the existing electrical generators, and biogas upgrading station (refer to site pictures).
- ▶ **Pits, Ponds, or Lagoons** – There are percolation ponds for treated wastewater on the south side of the Site. There are several lined ponds for treated wastewater observed on the Site.

- ▶ **Stained Soil or Pavement** – De minimis staining on pavement.
- ▶ **Stressed Vegetation** - None observed.
- ▶ **Wastewater Discharges** - There is a discharge point into the Mojave River for treated wastewater effluent on the east side of property (refer to site pictures).
- ▶ **Solid Wastes** – Piles of biosolids were observed on the north side of Site. Also, note that piles of composting materials were observed at the American Organics facility on the southern portion of the Site.
- ▶ **Septic Systems** – None observed.
- ▶ **Wells (water, irrigation, injection)** – There are numerous groundwater monitoring and extraction wells, which are located on the Site (refer to Figures 6a and 6b).
- ▶ **Storm Drains and Drainage** – Based on site drainage and grading, stormwater discharge appears to flow eastbound toward the Mojave River, which runs parallel to the eastern property line.
- ▶ **Clarifiers** – There are numerous clarifiers and related tanks on the Site for wastewater treatment.
- ▶ **Excessive Noise or Vibration** – None observed.
- ▶ **High Tension Transmission Lines** - None observed.

### **6.3 Interior Observations**

Based on the site inspection, there four (4) primary building structures which are currently used primarily as administrative offices, equipment storage and maintenance for golf carts. The following general observations were made of the interiors of these building(s) on the Site. It should be noted that there is an additional building which was closed to employees and visitors due to its age and anticipated demolition. These buildings are not part of the Project Area. Site pictures can be found in Appendix B.

- ▶ **Storage Tanks** – None observed.
- ▶ **Hazardous Substances or Petroleum** – Small containers of various chemicals in the maintenance garage.
- ▶ **Odors** – None observed.
- ▶ **Pools of Liquid** – None observed.
- ▶ **Drum Storage** – None observed.
- ▶ **Unidentified Substance Containers** – None observed.
- ▶ **Heating and Cooling Systems** – None observed at ground level.
- ▶ **Floor Drains and Sumps** – None observed.
- ▶ **Solid Wastes** – Solid waste trash bins were observed.

- ▶ Excessive Noise or Vibration – None observed.
- ▶ Possible PCB sources (electrical or transformers) – None observed.

## **7. NON-SCOPE CONSIDERATIONS**

---

Unless otherwise agreed to be performed by the environmental professional, the Phase I ESA excludes all other considerations which are not required by the ASTM standard (referred to as non-scope considerations), which include, but are not limited to, asbestos-containing building materials, biological agents, cultural and historic resources, ecological resources, endangered species, health and safety, indoor air quality, industrial hygiene, lead-based paint, lead in drinking water, mold, radon, regulatory compliance and wetlands. The scope of services is otherwise further defined and limited by the professional service agreement with the environmental professional.

For this report, there were no additional or non-scope considerations reviewed for the Site.

## 8. FINDINGS AND CONCLUSIONS

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### 8.1 Recognized Environmental Conditions

Pursuant to its scope of work, Trinity conducted a Phase I ESA on the Site in conformance with applicable standards under ASTM E1527-13. Based on the information reviewed and observations made, the following is a summary description of the RECs, HRECs and CRECs.

#### 8.1.1 Recognized Environmental Conditions (RECs)

- ▶ Based on available information, there are potential RECs relating to the discharge of pollutants into groundwater that are monitored as part of WDRs, including, metals, minerals, nitrates, TDS and VOCs.
- ▶ There are potential RECs due to VOC (and possible PFAS) releases into groundwater originating from the former George Air Force Base, including the migration of an existing TCE plume and vapor encroachment.

#### 8.1.2 Historical Recognized Environmental Conditions (HRECs)

- ▶ Based on available information, there are potential HRECs due to a reported leak of an oil storage tank on September 18, 1992, which was subsequently closed on November 23, 1992.

#### 8.1.3 Controlled Recognized Environmental Conditions (CRECs)

- ▶ Based on available information, there are no CRECs for the Site.

### 8.2 Opinions

As noted above, there are potential RECs relating to groundwater discharges permitted by the Lahontan Regional Water Quality Control Board, which recent reports indicate general compliance with applicable Water Quality Objectives. As a consequence, it is unlikely these conditions have impacted the Project Area. There are also potential HRECs relating to a former storage tank removal, which is also unlikely to have impacted the Project Area based on information provided. In addition, there are potential RECs from VOC (and possible PFAS) releases in groundwater originating from the former George Air Force Base, however, the extent of impacts to the Project Area (if any) are not known. Trinity's opinions are subject to available information at the time of this report and any data gaps cited below. Trinity's opinion does not extend to non-scope considerations or other items outside the scope of this Phase I ESA, and is subject to all the limitations and exceptions referenced herein.

### 8.3 Data Gaps

The findings and opinions provided herein are subject to any data gaps that exist in the records, interviews, site reconnaissance and other information gathered and evaluated for this Phase I ESA. Based on the information available and reviewed, the following potential data gaps could affect our findings and/or opinions provided in this report.

- ▶ The Site is located within close proximity to the former George Air Force Base, which is currently identified on the National Priorities List (NPL) and being monitored for offsite migration of VOCs, and pending investigation of PFAS releases to be determined. The full extent of current or future impacts from this migration are not known.

- ▶ The location of the former oil storage tank and details of its removal in 1992 could not be confirmed from accessible public records at time of this report, however, a location was estimated by VVWRA personnel.

## 9. SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

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Trinity has performed a Phase I ESA of the Site in general conformance with the scope and protocols stated earlier in this report. All limitations and exceptions relating to this Phase I ESA are provided herein. By signing below, we declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR § 312. Further, we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Signature:   
Name: Steven R. Walters  
Title: Principal Consultant

## 10. REFERENCES

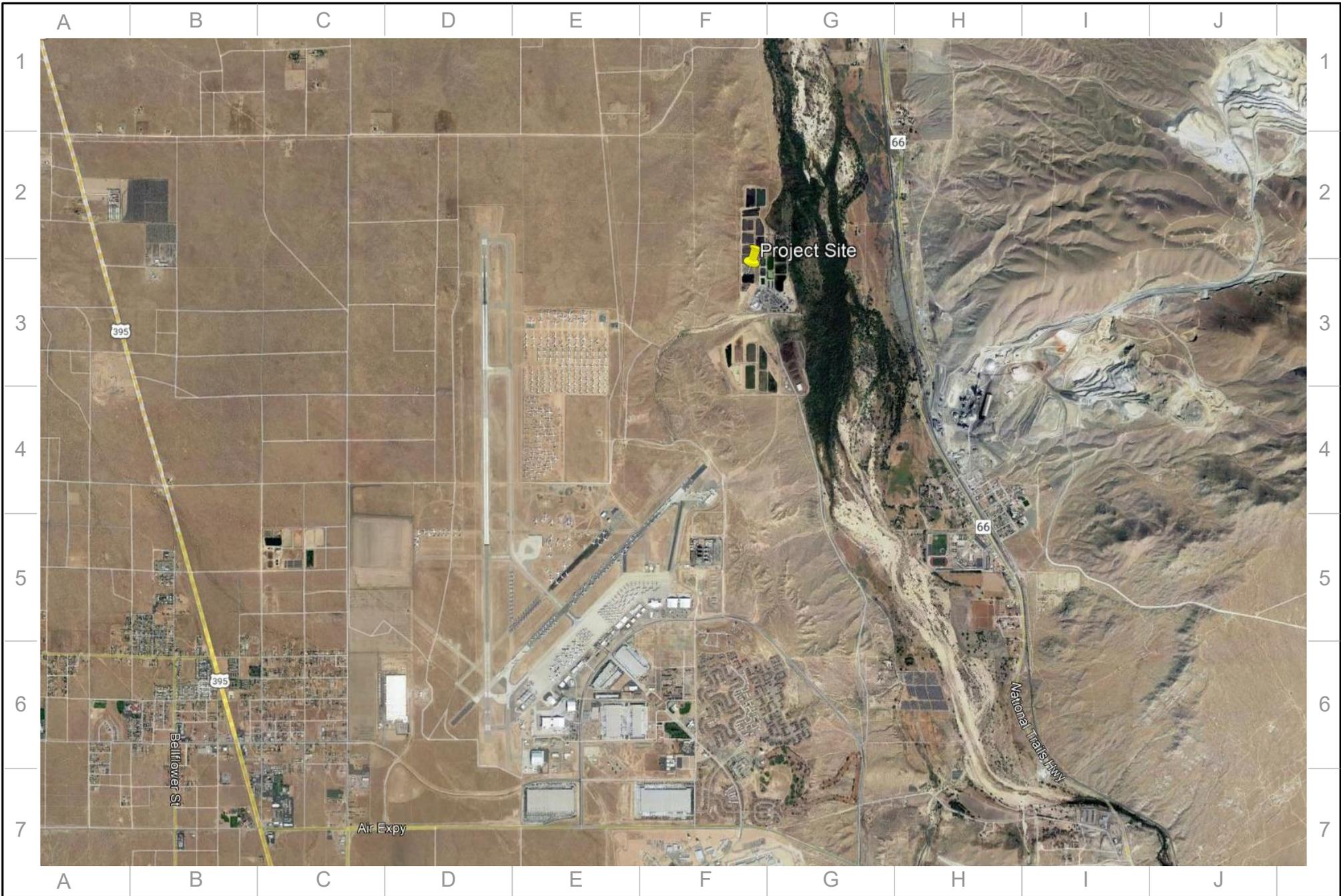
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The following key documents, maps and resources were provided by the facility or other sources for the preparation of this Phase I ESA:

- ▶ Environmental Data Resources, Inc., Milford, Connecticut
- ▶ United States Geological Survey, Topographic Maps
- ▶ County of San Bernardino, Public Health Department
- ▶ County of San Bernardino, Fire Protection District
- ▶ California Department of Toxic Substances Control
- ▶ CalEPA Regulated Portal
- ▶ Google Earth, <http://www.googleearth.com>
- ▶ State Water Resources Control Board, Geotracker System
- ▶ Mojave Desert Air Quality Management District
- ▶ Final 2019 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, Air Force Civil Engineer Center, May 2020
- ▶ Final 2020 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, Air Force Civil Engineer Center, July 2021
- ▶ 2019 Annual Groundwater Monitoring Report – VVWRA, Luhdorff & Scalmanini, January 2020
- ▶ 2020 Annual Groundwater Monitoring Report – VVWRA, Luhdorff & Scalmanini, January 2021
- ▶ 2021 Annual Groundwater Monitoring Report – VVWRA, Luhdorff & Scalmanini, January 2022
- ▶ Letter to Donald Gronstall, BRAC Environmental Coordinator EPA Review of Draft Fifth Five Year Review, Former George Air Force Base, Victorville, California, U.S. Environmental Protection Agency, Region 9, May 12, 2022
- ▶ Superfund Site Profiles, Former George Air Force Base, U.S Environmental Protection Agency, [www.epa.gov](http://www.epa.gov)

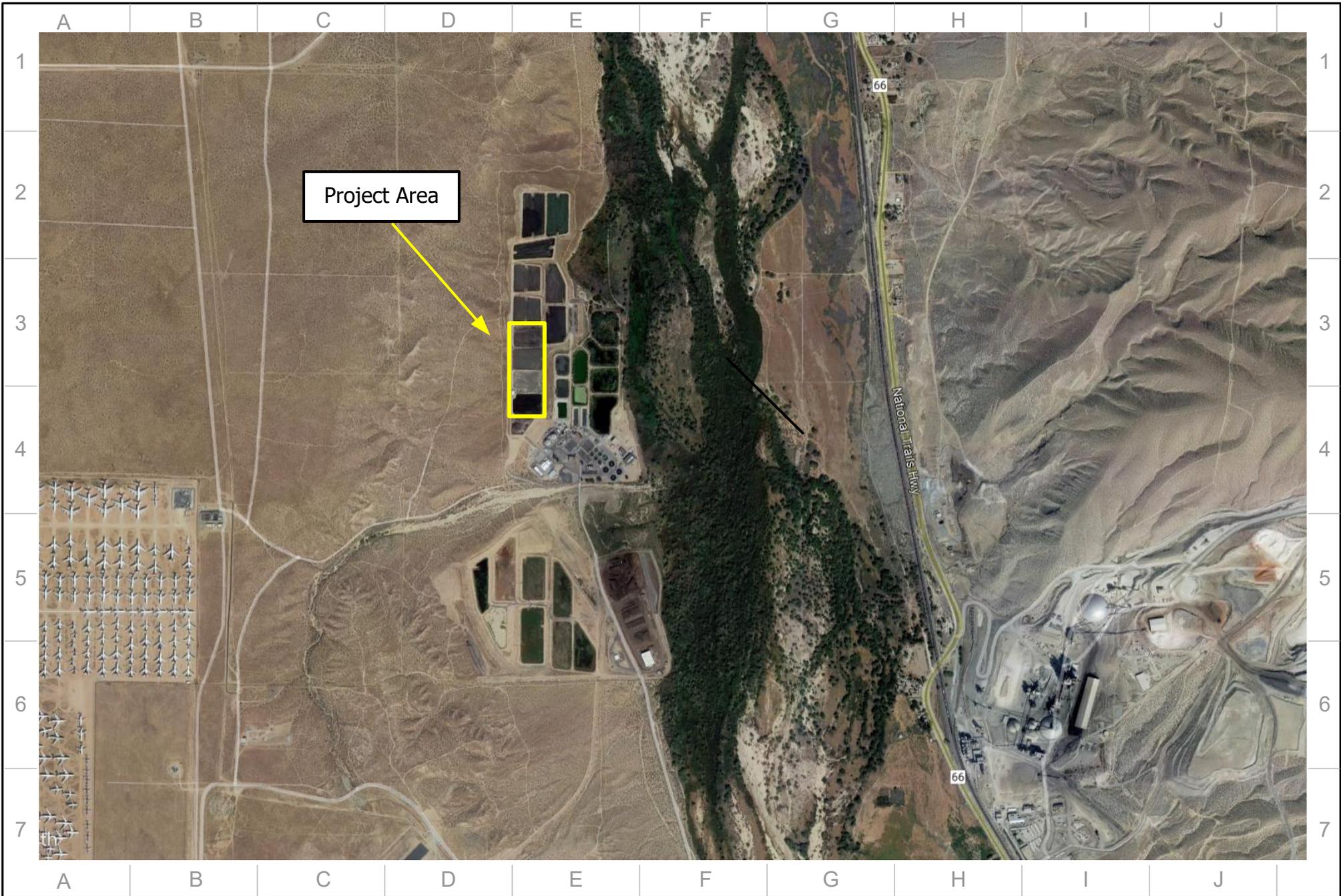
## APPENDIX A. FIGURES

---



Victor Valley Bioenergy Facility LLC  
 20111 Shay Road  
 Victorville, CA 93294

Description		Location Map	
Scale	N/A	Date	September 2022
			Figure 1

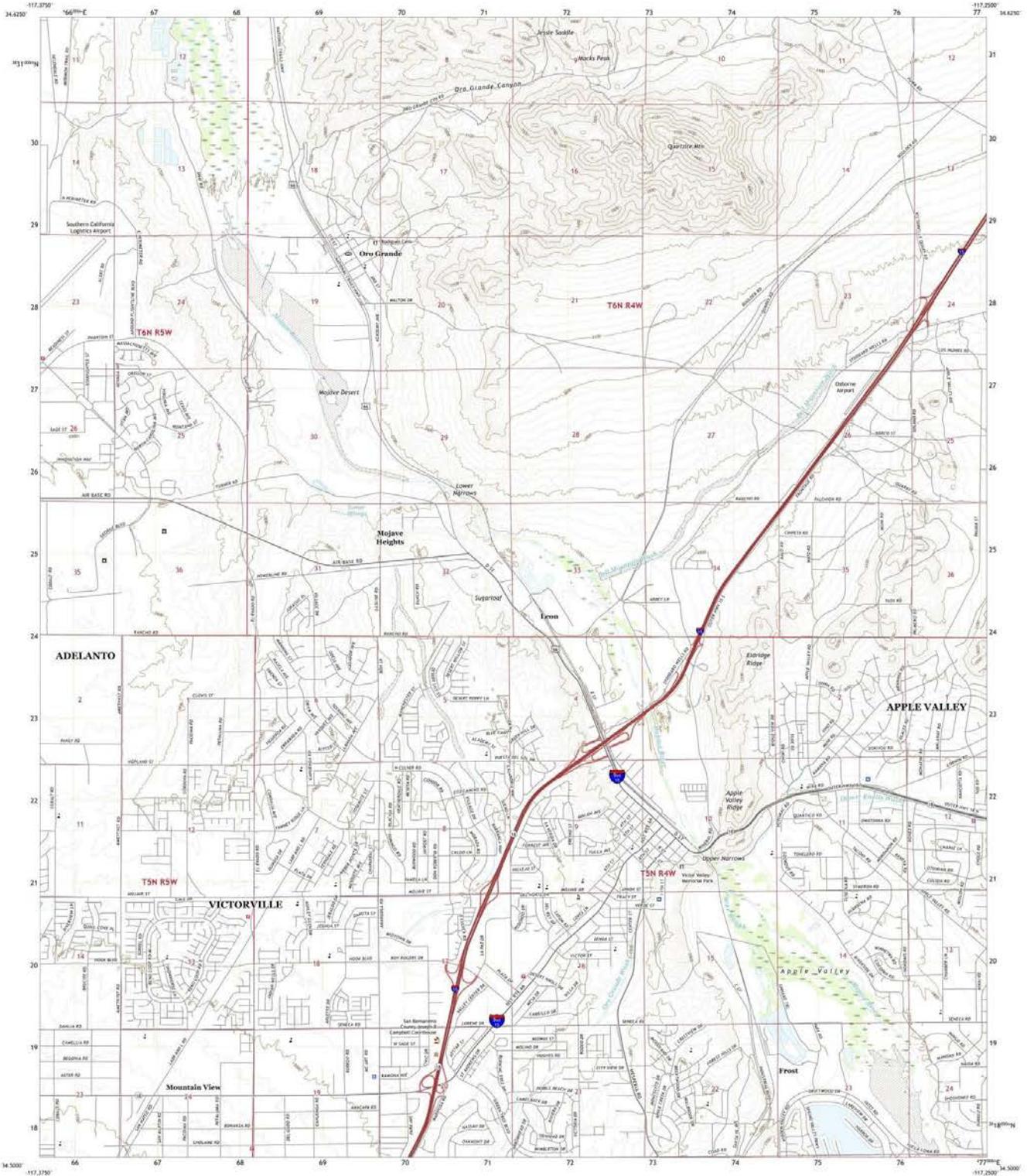


	<p>Victor Valley Bioenergy Facility LLC          20111 Shay Road          Victorville, CA 93294</p>	<p>Description  <b>Vicinity Map</b></p>	
		<p>Scale          N/A</p>	<p>Date          September 2022</p>
		<p>Figure          2</p>	

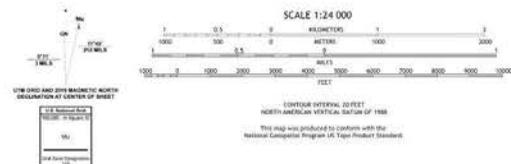


Victor Valley Bioenergy Facility LLC  
 20111 Shay Road  
 Victorville, CA 93294

Description		Project Area Map	
Scale	N/A	Date	September 2022
			Figure 3



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
Vertical Datum: Mean Sea Level (MSL)  
Horizontal Datum: North American Vertical Datum of 1983 (NAVD83)  
This map is a digital reproduction of a paper map. It is not a substitute for a paper map. It is not a substitute for a paper map. It is not a substitute for a paper map.





Victor Valley Bioenergy Facility LLC  
 20111 Shay Road  
 Victorville, CA 93294

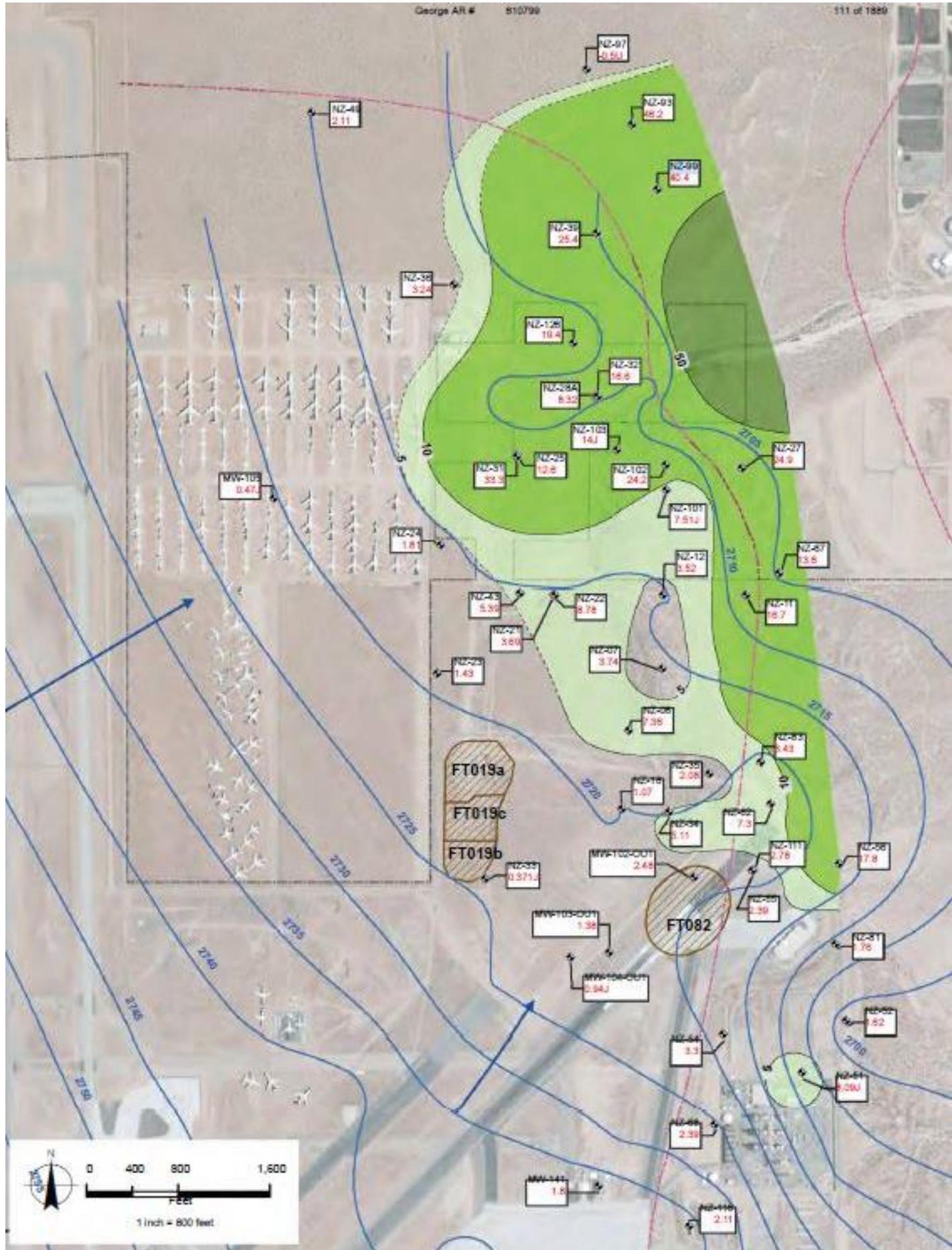
Description		Project Area Map	
Scale	N/A	Date	September 2022
		Figure	3





**Explanation**

- Lower Aquifer Well
- Floodplain Aquifer Well
- ⊗ Destroyed Feb. 19 Lower Aquifer Well
- Groundwater Network Well
- ▭ VVWRA Property
- 7 Percolation Pond Number

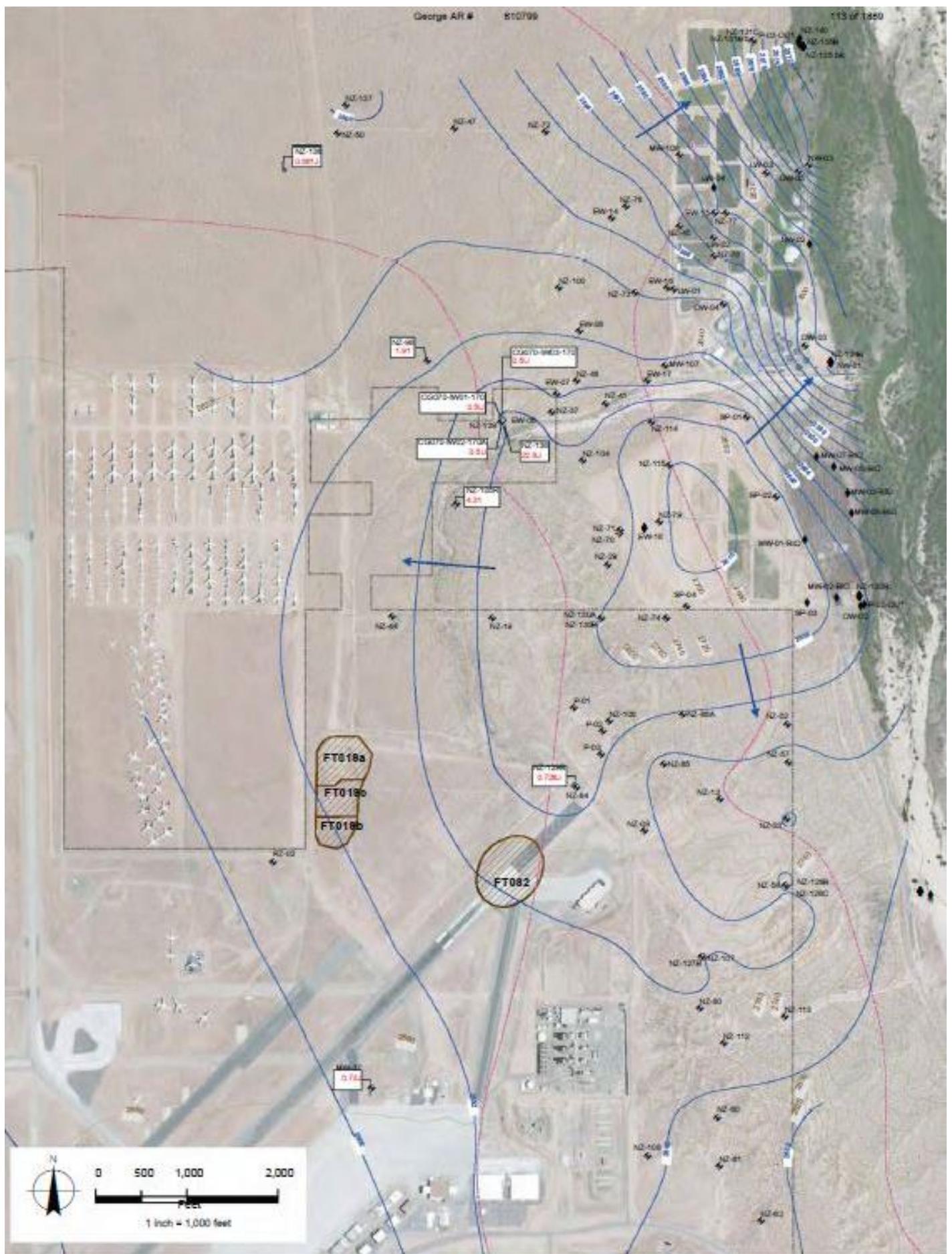


2020 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, July 2021



Victor Valley Bioenergy Facility LLC  
 20111 Shay Road  
 Victorville, CA 93294

Description		TCE Groundwater Plume – Upper Aquifer	
Scale	N/A	Date	September 2022
			Figure 6b



2020 Basewide Annual Monitoring and Operations Report for CERCLA and Non-CERCLA Sites, Former George Air Force Base, July 2021



Victor Valley Bioenergy Facility LLC  
 20111 Shay Road  
 Victorville, CA 93294

Description		TCE Groundwater Plume – Lower Aquifer	
Scale	N/A	Date	September 2022
			Figure 6b

**APPENDIX B. SITE PICTURES**

---



Two (2) Largest Digesters



Wastewater Treatment Plant (looking east)



Wastewater Treatment Plant (looking north)



Wastewater Treatment Plant (looking west)



Treated effluent discharge point – Mojave River (east property line)



Storage Building (Hazardous Waste and Oils)



Aboveground Tank – Diesel Fuel (1,000 gallons)



Aboveground Tank – Waste Oil (750 gallons)



Storage Tank – Ferric Acid (1,000 gallons)



Electrical Generators



Transformers (located next to electrical generators)



Former Sodium Hypochlorite Tanks (inactive)



Biogas Upgrading System - 93% Sulfuric Acid Tank (5,400 gallons)



Biogas Upgrading System



Biogas Upgrading System (looking south)



Transformers (located next to Biogas Upgrading System)



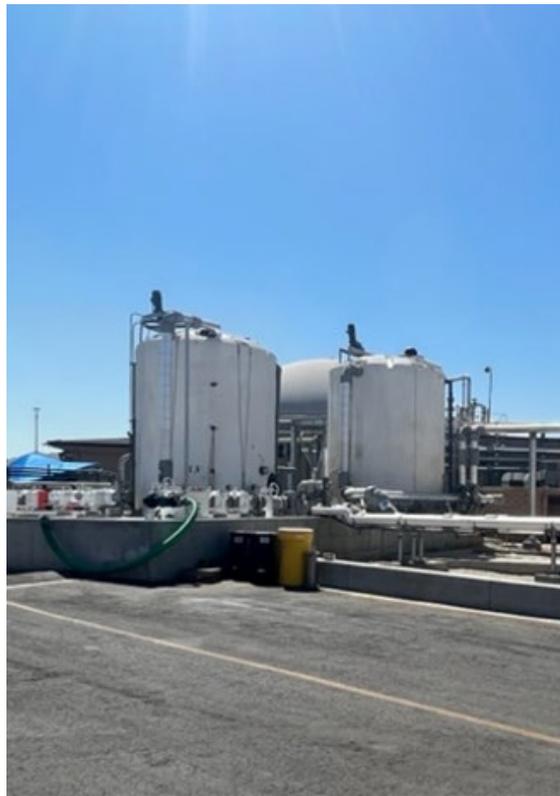
Small Digester (facing south)



Small Digesters (facing south)



Food Waste Storage Tank (50,000 gallons)



Food Waste Storage Tanks (12,000 gallons each)



Project Area – Drying Bed #2



Project Area – Drying Bed #3



Project Area – Drying Bed #4



Project Area – Drying Bed #4



American Organics – Composting Piles (southern portion)



American Organics – Composting Piles (southern portion)

## **APPENDIX C. HISTORICAL TOPOGRAPHIC MAPS**

---



VVWRA  
20111 Shay Road  
Victorville, CA 92394

Inquiry Number: 7091817.4  
August 18, 2022

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

08/18/22

**Site Name:**

VVWRA  
20111 Shay Road  
Victorville, CA 92394  
EDR Inquiry # 7091817.4

**Client Name:**

Trinity Consultants  
20 Corporate Park Suite 200  
Irvine, CA 92606  
Contact: Tiffany Wang



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Trinity Consultants were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	34.612055 34° 36' 43" North
<b>Project:</b>	VVWRA - Phase I ESA	<b>Longitude:</b>	-117.358546 -117° 21' 31" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	467128.34
		<b>UTM Y Meters:</b>	3830081.24
		<b>Elevation:</b>	2661.40' above sea level

**Maps Provided:**

2018  
2015  
2012  
1993  
1968  
1956  
1934  
1932

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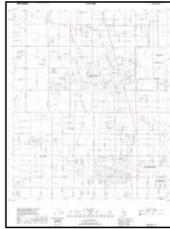
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7.5-minute, 24000



Adelanto  
2018  
7.5-minute, 24000



Helendale  
2018  
7.5-minute, 24000



Victorville NW  
2018  
7.5-minute, 24000

### 2015 Source Sheets



Victorville  
2015  
7.5-minute, 24000



Adelanto  
2015  
7.5-minute, 24000



Helendale  
2015  
7.5-minute, 24000



Victorville NW  
2015  
7.5-minute, 24000

### 2012 Source Sheets



Victorville  
2012  
7.5-minute, 24000



Adelanto  
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Helendale  
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Victorville NW  
2012  
7.5-minute, 24000

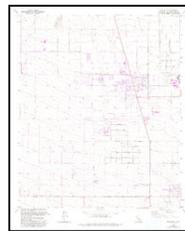
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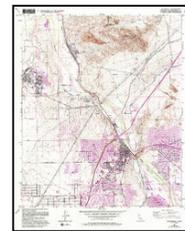
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Aerial Photo Revised 1989



Helendale  
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Aerial Photo Revised 1989



Adelanto  
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7.5-minute, 24000  
Aerial Photo Revised 1989



Victorville  
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## Topo Sheet Key

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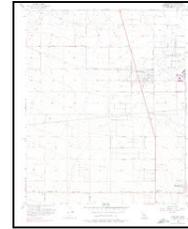
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Aerial Photo Revised 1968



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Aerial Photo Revised 1968



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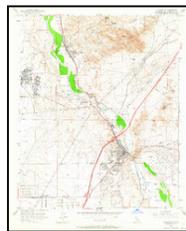
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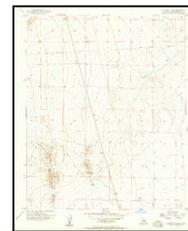
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Aerial Photo Revised 1952



Helendale  
1956  
7.5-minute, 24000  
Aerial Photo Revised 1952



Victorville  
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Aerial Photo Revised 1952



Victorville NW  
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Aerial Photo Revised 1952

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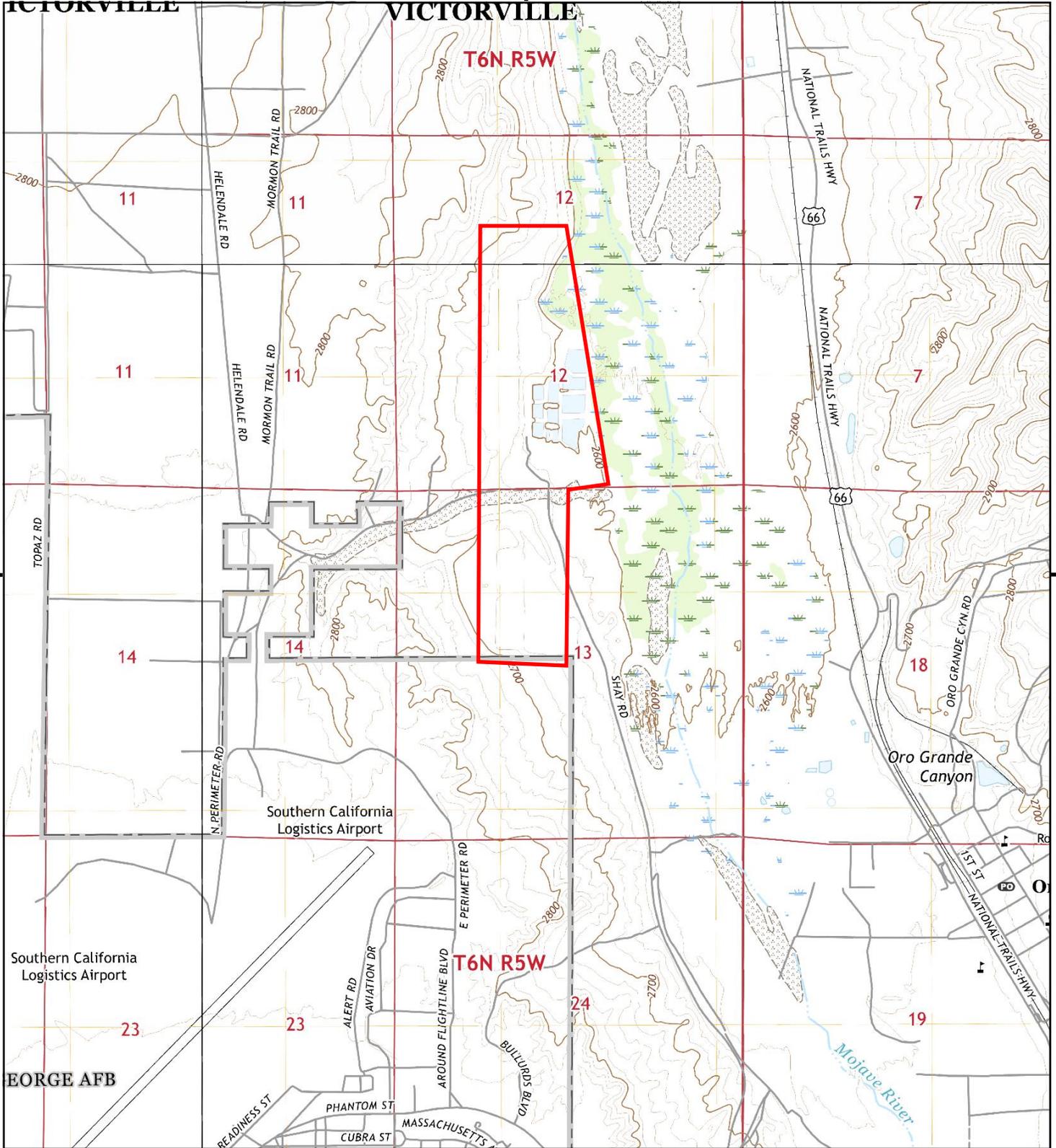


Barstow  
1934  
30-minute, 125000

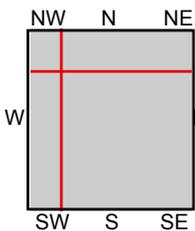
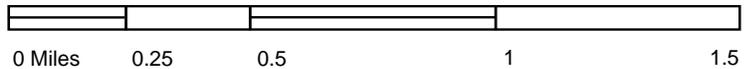
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Barstow  
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30-minute, 125000



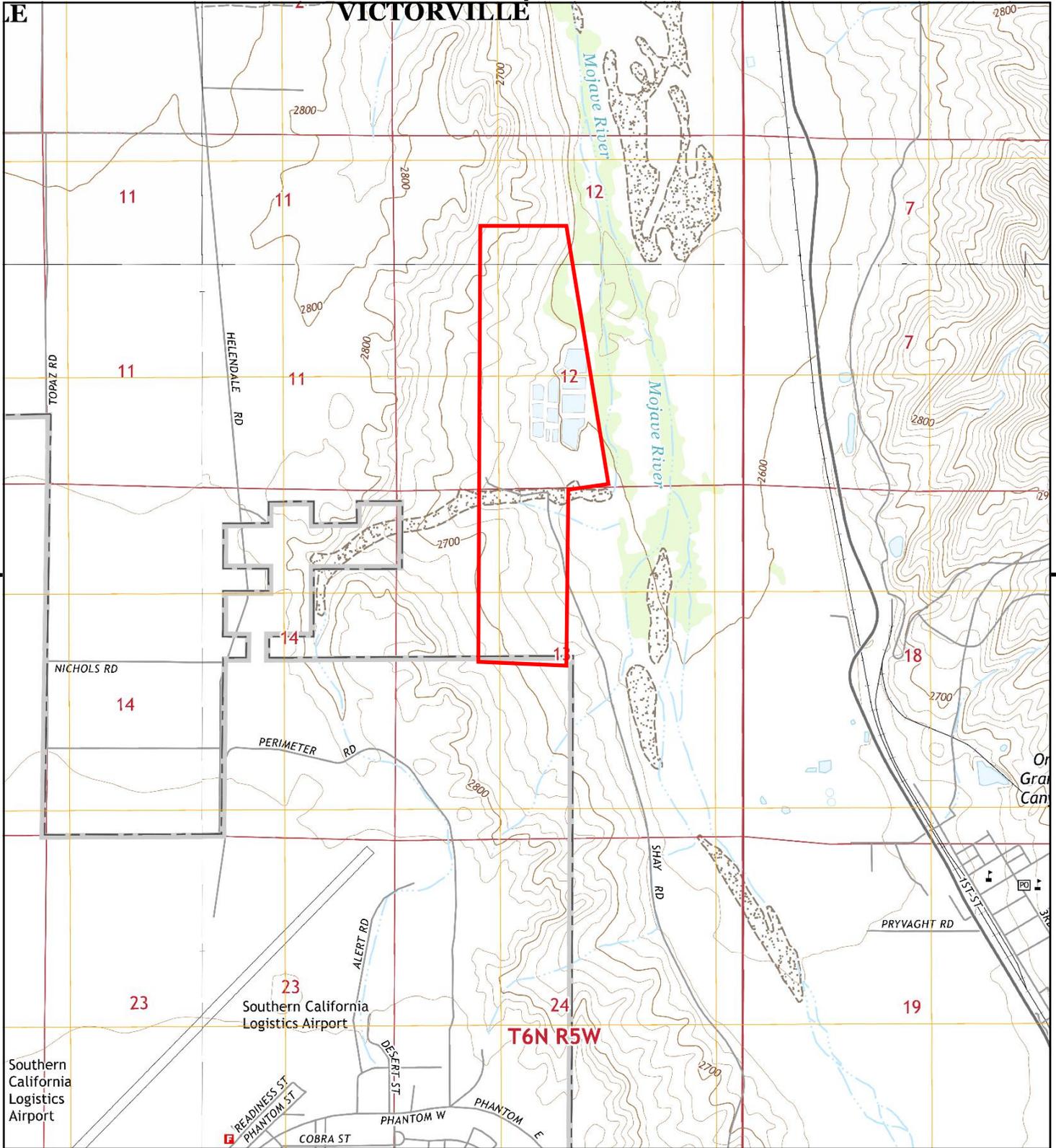
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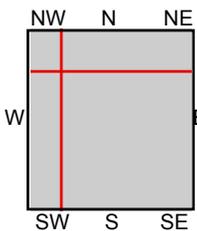
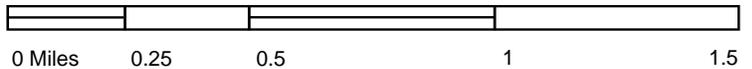
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 SW, Adelanto, 2018, 7.5-minute  
 NW, Victorville NW, 2018, 7.5-minute

**SITE NAME:** VVWRA  
**ADDRESS:** 20111 Shay Road  
 Victorville, CA 92394  
**CLIENT:** Trinity Consultants





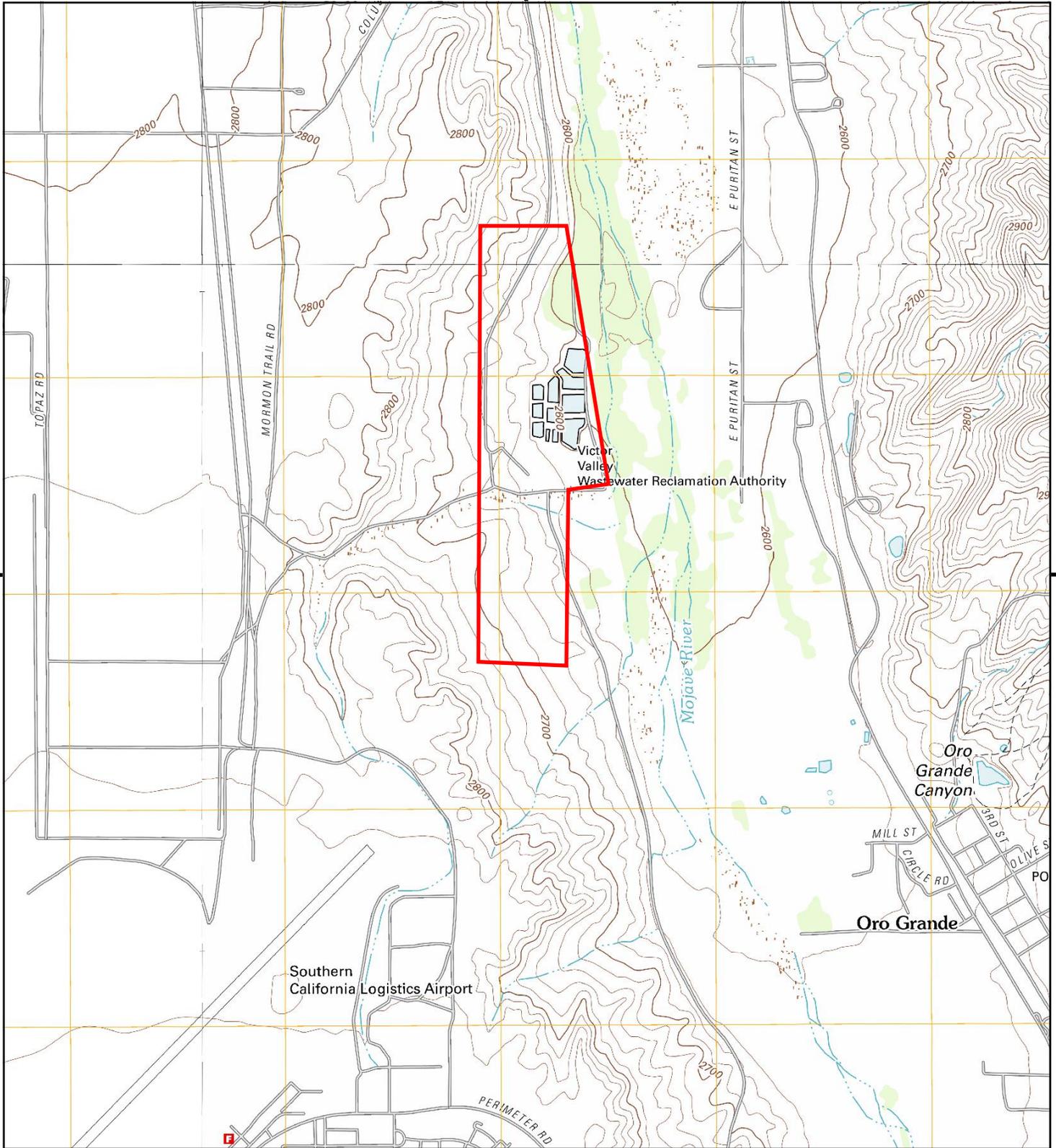
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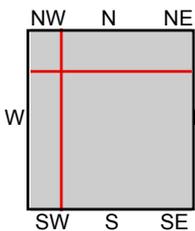
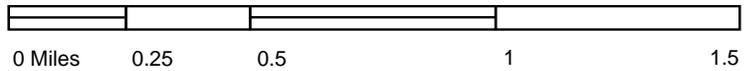
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**SITE NAME:** VVWRA  
**ADDRESS:** 20111 Shay Road  
 Victorville, CA 92394  
**CLIENT:** Trinity Consultants





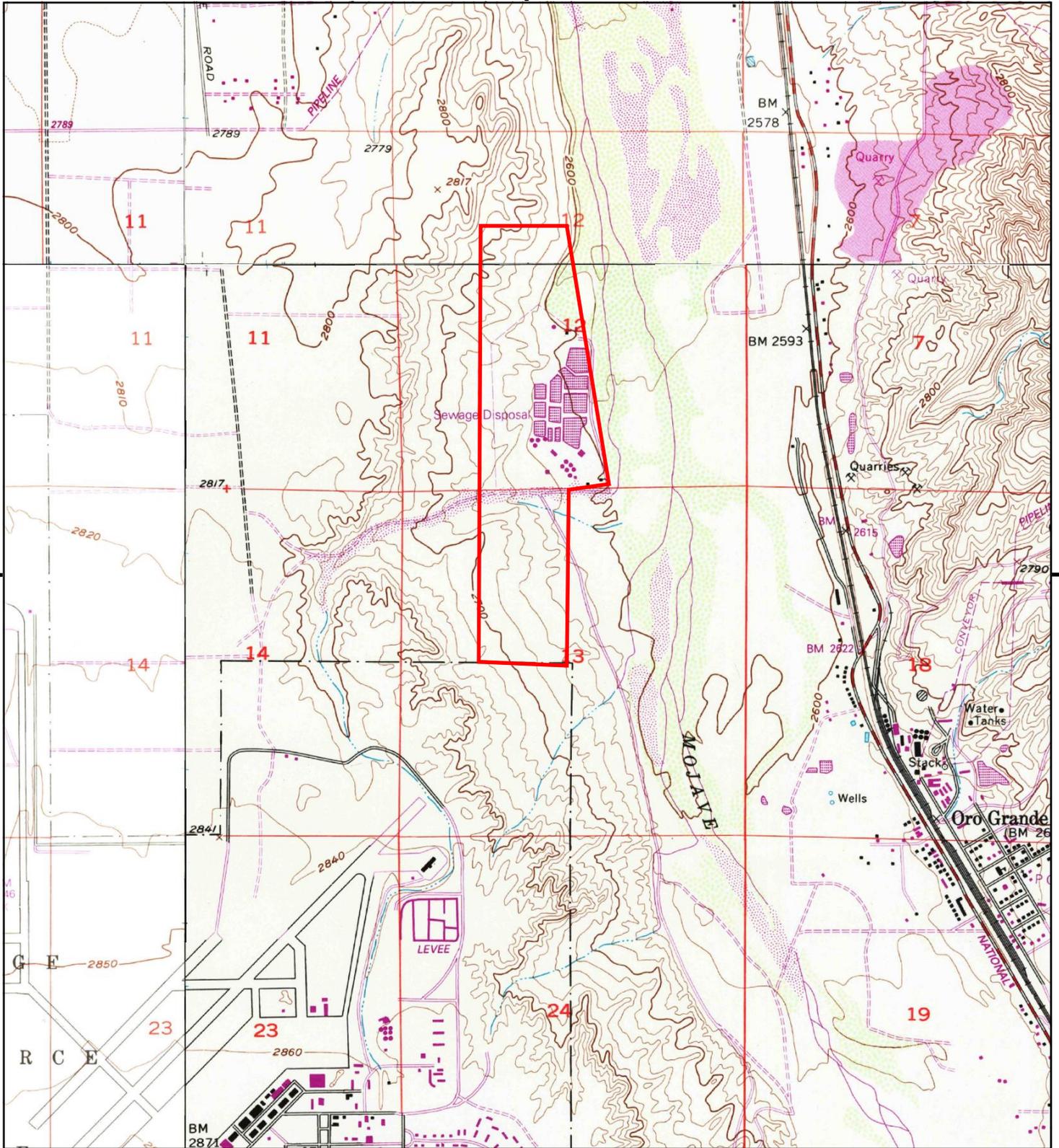
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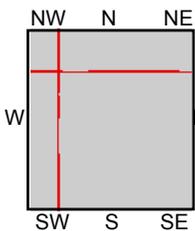
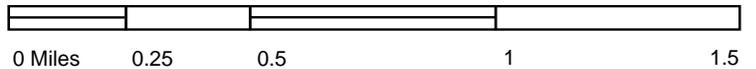
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**ADDRESS:** 20111 Shay Road  
 Victorville, CA 92394  
**CLIENT:** Trinity Consultants





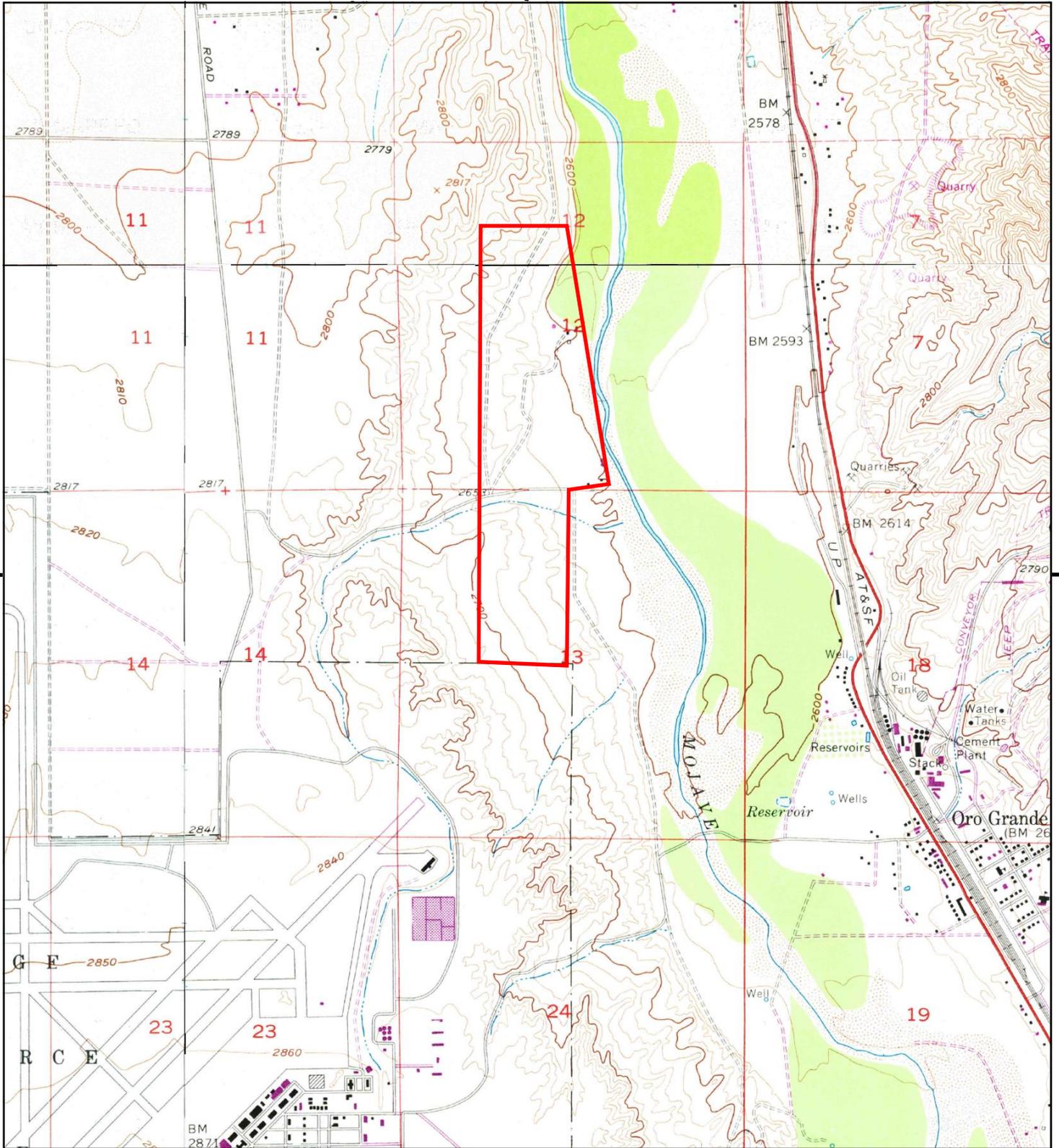
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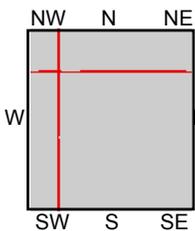
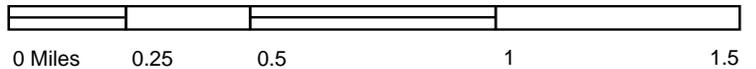
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 NE, Helendale, 1993, 7.5-minute  
 SW, Adelanto, 1993, 7.5-minute  
 NW, Victorville NW, 1993, 7.5-minute

**SITE NAME:** VVWRA  
**ADDRESS:** 20111 Shay Road  
 Victorville, CA 92394  
**CLIENT:** Trinity Consultants





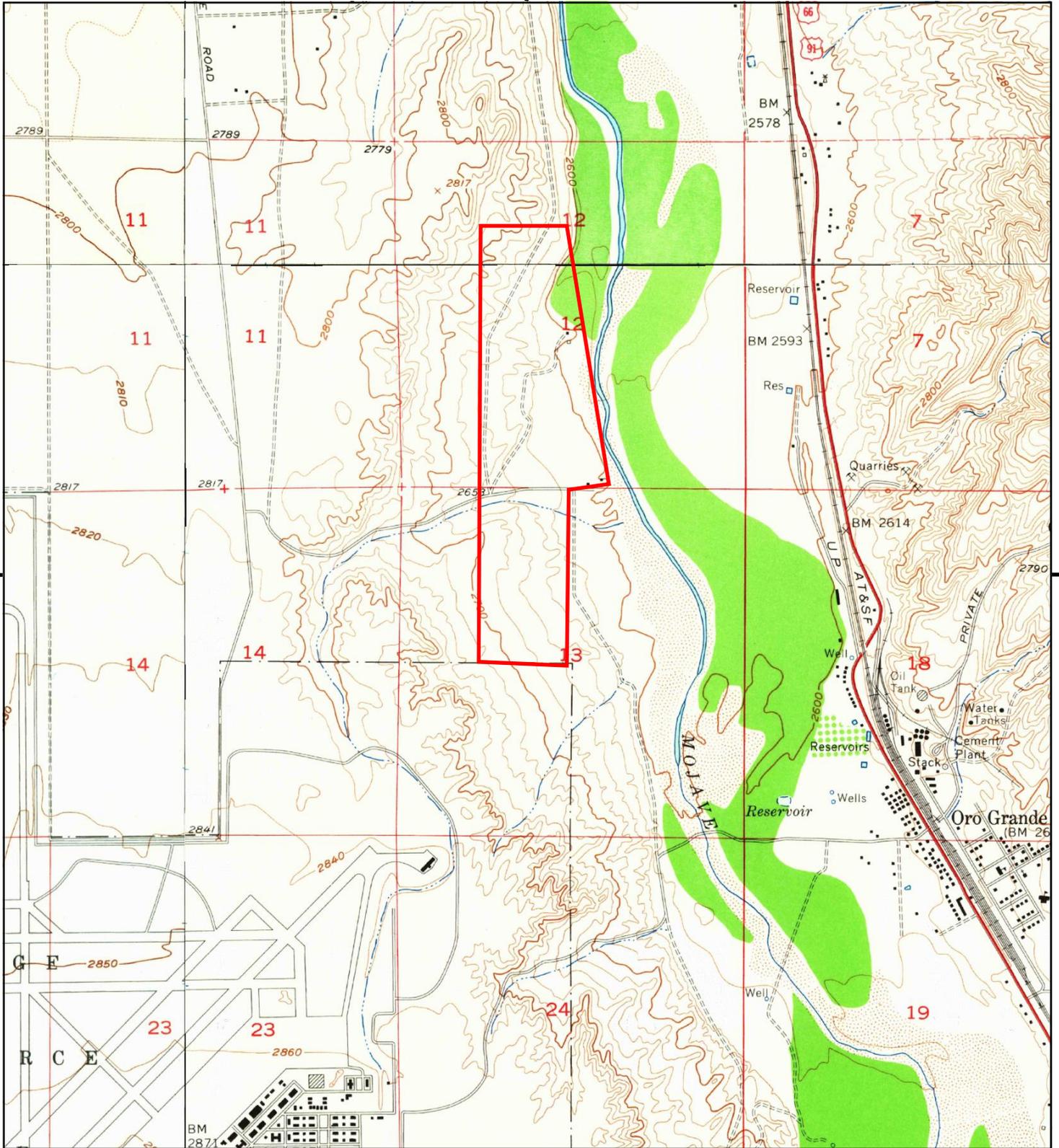
This report includes information from the following map sheet(s).



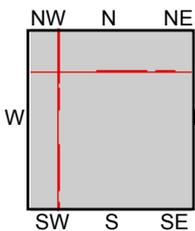
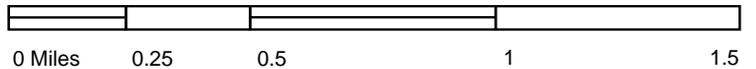
TP, Victorville, 1968, 7.5-minute  
 NE, Helendale, 1968, 7.5-minute  
 SW, Adelanto, 1968, 7.5-minute  
 NW, Victorville NW, 1968, 7.5-minute

**SITE NAME:** VVWRA  
**ADDRESS:** 20111 Shay Road  
 Victorville, CA 92394  
**CLIENT:** Trinity Consultants





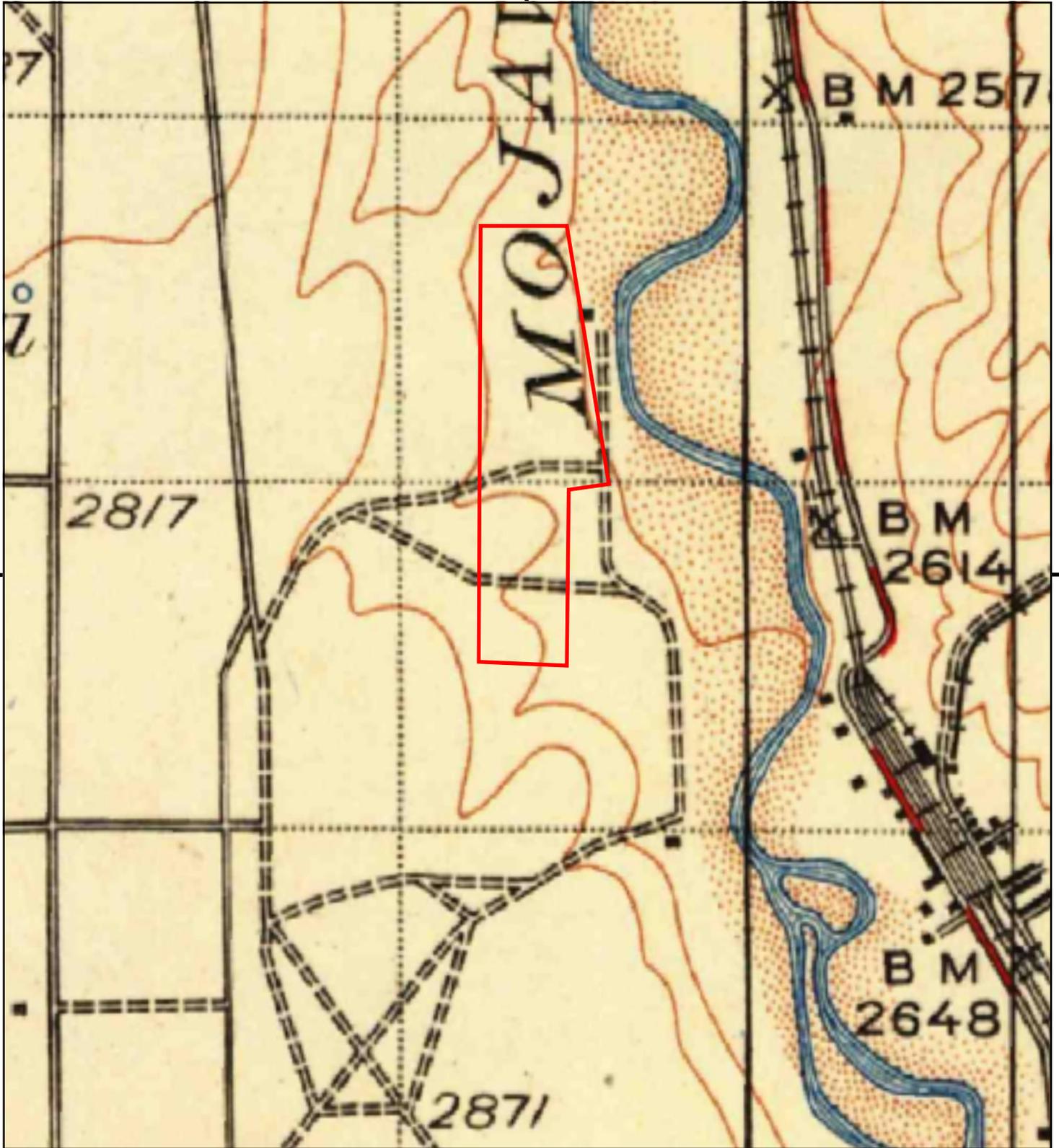
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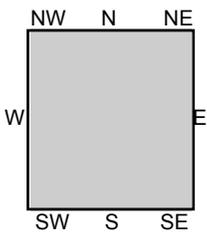
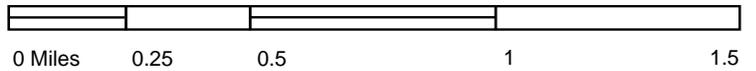
TP, Victorville, 1956, 7.5-minute  
 NE, Helendale, 1956, 7.5-minute  
 SW, Adelanto, 1956, 7.5-minute  
 NW, Victorville NW, 1956, 7.5-minute

**SITE NAME:** VVWRA  
**ADDRESS:** 20111 Shay Road  
 Victorville, CA 92394  
**CLIENT:** Trinity Consultants





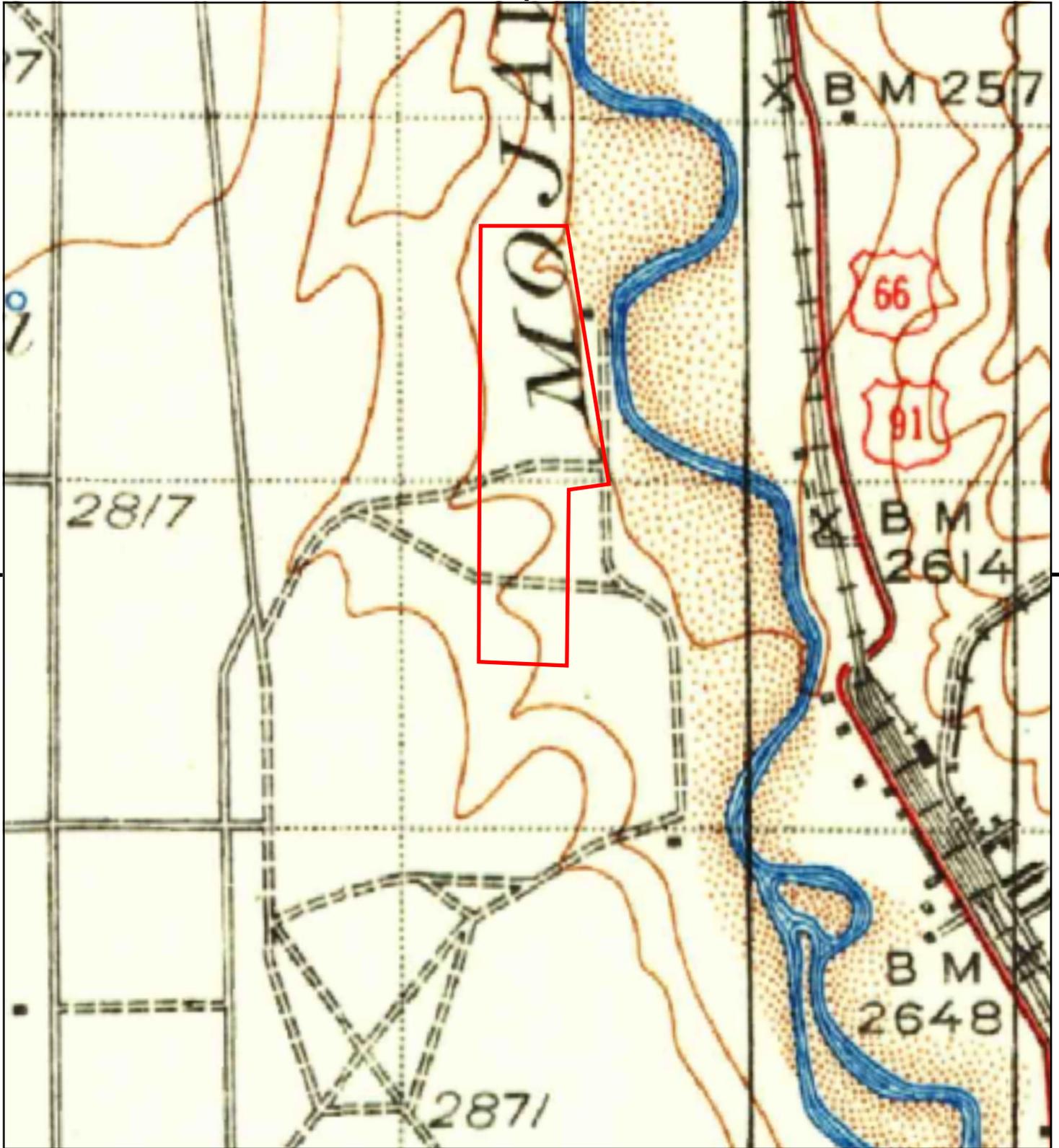
This report includes information from the following map sheet(s).



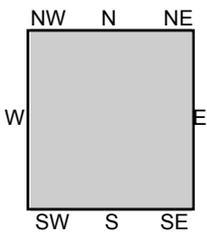
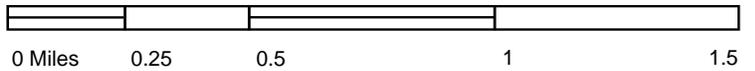
TP, Barstow, 1934, 30-minute

SITE NAME: VVWRA  
ADDRESS: 20111 Shay Road  
Victorville, CA 92394  
CLIENT: Trinity Consultants





This report includes information from the following map sheet(s).



TP, Barstow, 1932, 30-minute

SITE NAME: VVWRA  
 ADDRESS: 20111 Shay Road  
 Victorville, CA 92394  
 CLIENT: Trinity Consultants



## **APPENDIX D. ENVIRONMENTAL DATABASE REPORTS**

---

**VVWRA**

20111 Shay Road  
Victorville, CA 92394

Inquiry Number: 7091817.2s  
August 19, 2022

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-10
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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

20111 SHAY ROAD  
VICTORVILLE, CA 92394

#### COORDINATES

Latitude (North): 34.6120550 - 34° 36' 43.39"  
Longitude (West): 117.3585460 - 117° 21' 30.76"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 467127.6  
UTM Y (Meters): 3829884.8  
Elevation: 2663 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	12016037 VICTORVILLE, CA
Version Date:	2018
Northeast Map:	12015977 HELENDALE, CA
Version Date:	2018
Southwest Map:	12015937 ADELANTO, CA
Version Date:	2018
Northwest Map:	12016039 VICTORVILLE NW, CA
Version Date:	2018

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140601, 20140527
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:  
20111 SHAY ROAD  
VICTORVILLE, CA 92301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	VICTOR VALLEY REGION	20111 SHAY ROAD	ICIS		TP
A2	VICTOR VALLEY WASTE	20111 SHAY RD. EXTEN	HWTS		TP
A3	VICTOR VALLEY WASTE	20111 SHAY RD	LUST, AST, CERS HAZ WASTE, HIST UST, CERS TANKS,...		TP
A4	VICTORVILLE WASTE WA	20111 SHAY RD	HAULERS		TP
A5	VICTOR VALLEY WASTE	20111 SHAY RD EXTENS	HAZNET, HWTS		TP
A6	VICTOR VALLEY REGION	20111 S HAY RD	WDS		TP
A7	VICTOR VALLEY WASTE	20111 SHAY ROAD	PFAS		TP
A8	VVWRA - 20111 SHAY	20111 SHAY ROAD	EMI		TP
A9	VICTOR VALLEY WASTE	20111 SHAY ROAD	WDR		TP
A10	SOCAL BIOMETHANE, L	20111 SHAY RD	CERS HAZ WASTE		TP
A11	BIOGAS POWER SYSTEMS	20111 SHAY RD.	FINDS		TP
A12	VICTOR VALLEY WASTE	20111 SHAY RD	CIWQS		TP
A13		20111 SHAY ROAD	CHMIRS		TP
A14	RECYCLED WATER-VVWRA	20111 SHAY	CERS		TP
A15	VICTOR VALLEY WASTE	20111 SHAY	CERS		TP
A16	VICTOR VALLEY WASTE	20111 SHAY RD.	RCRA-VSQQ		TP
A17	VICTOR VALLEY WASTE	20111 SHAY RD EXTENS	RCRA NonGen / NLR		TP
A18	CAL BIO-MASS COMPOST	20111 SHAY ROAD, VIC	RGA LF		TP
A19	VICTOR VALLEY MUNI W	20111 SHAY RD	EMI, WDS		TP
A20	BIOGAS POWER SYSTEMS	20111 SHAY RD.	EMI		TP
A21	RECYCLED WATER-VVWRA	20111 SHAY ROAD	WDR		TP
A22	VICTOR VALLEY WASTE	20111 SHAY ROAD	RMP		TP
A23		20111 SHAY ROAD	ERNS		TP
A24	VICTOR VALLEY WASTE	20111 SHAY	CERS		TP
A25	VICTOR VALLEY WASTE	20111 SHAY ROAD	FINDS, ECHO		TP
A26		20111 SHAY ROAD	CHMIRS		TP
A27	VVWRA CENTRAL TREATM	20111 SHAY RD	HIST UST		TP
A28	VICTOR VAL WASTEWATE	20111 SHAY RD	RGA LUST		TP
A29	VICTOR VALLEY WASTE	20111 SHAY ROAD	AST		TP
A30	1X VICTOR VALLEY WAS	20111 SHAY RD EXTENT	HAZNET, HWTS		TP
Reg	GEORGE AFB		DOD	Same	1 ft.
Reg	GEORGE AIR FORCE BAS	AIR BASE RD- NR ST R	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, US ENG..	Same	1 ft.
31	VICTOR VALLEY REGION	20755 SHAY RD.	RGA LF	Lower	1 ft.
B32	JOSEPH JOLLA, LLC	7855 SAY AVE	HAZNET, HWTS	Lower	1 ft.
B33			PFAS	Lower	1 ft.
B34			PFAS	Lower	1 ft.
C35	VICTOR VALLEY REGION		LOS ANGELES CO LF METHANE	Lower	233, 0.044, SE
C36	AMERICAN ORGANICS/AT	20055 SHAY RD	SWF/LF, AST, HAULERS, CERS HAZ WASTE, CERS TANKS,...	Lower	325, 0.062, SE
C37	AMERICAN ORGANICS	20055 SHAY RD	RCRA NonGen / NLR	Lower	325, 0.062, SE

MAPPED SITES SUMMARY

Target Property Address:  
20111 SHAY ROAD  
VICTORVILLE, CA 92301

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">C38</a>	VICTOR VALLEY REGION	20055 SHAY ROAD	AST	Lower	325, 0.062, SE
<a href="#">39</a>	GEORGE AFB CONSTRUCT	NE CORNER OF BASE IN	SWF/LF, CERS	Higher	1682, 0.319, SSW
<a href="#">40</a>	GEORGE AFB CONSTRUCT	NE CORNER OF BASE IN	SWF/LF, CERS	Higher	2197, 0.416, SSW

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
VICTOR VALLEY REGION 20111 SHAY ROAD VICTORVILLE, CA 92394	ICIS FRS ID:: 110000517637	N/A
VICTOR VALLEY WASTE 20111 SHAY RD. EXTEN VICTORVILLE, CA 92392	HWTS	N/A
VICTOR VALLEY WASTE 20111 SHAY RD VICTORVILLE, CA 92394	<p>LUST Database: LUST REG 6V, Date of Government Version: 06/07/2005 Database: LUST, Date of Government Version: 05/23/2022 Global Id: T0607100790 Status: Completed - Case Closed Status: Case Closed Close Date: 11/23/1992</p> <p>AST Database: AST, Date of Government Version: 07/06/2016</p> <p>CERS HAZ WASTE HIST UST CERS TANKS CHMIRS OES Incident Number: 1-1277 OES Incident Number: 1-2656 OES Incident Number: 10-3733 OES Incident Number: 4-6775 OES Incident Number: 12-3485 <i>*Additional key fields are available in the Map Findings section</i></p> <p>Cortese Cleanup Status: COMPLETED - CASE CLOSED</p> <p>ENF Status: Historical Status: Active Status: Active Facility Id: 270419 Facility Id: 631088</p> <p>HIST CORTESE Reg Id: 6B3600487T</p> <p>NPDES Facility Status: Historical Facility Status: Active</p> <p>San Bern. Co. Permit Facility Status: ACTIVE</p>	N/A

## EXECUTIVE SUMMARY

	Facility Id: FA0007172	
	CIWQS	
	CERS	
VICTORVILLE WASTE WA 20111 SHAY RD VICTORVILLE, CA 92394	HAULERS Facility ID: 1833556	N/A
VICTOR VALLEY WASTE 20111 SHAY RD EXTENS VICTORVILLE, CA 92394	HAZNET GEPaid: CAL912693193  HWTS	N/A
VICTOR VALLEY REGION 20111 S HAY RD VICTORVILLE, CA 92394	WDS Facility Status: A Facility Id: 6B369912001	N/A
VICTOR VALLEY WASTE W 20111 SHAY ROAD VICTORVILLE, CA	PFAS	N/A
VVWRA - 20111 SHAY 20111 SHAY ROAD VICTORVILLE, CA 92394	EMI Facility Id: 45301124 Facility Id: 1124	N/A
VICTOR VALLEY WASTE W 20111 SHAY ROAD VICTORVILLE, CA 92394	WDR	N/A
SOCAL BIOMETHANE, L 20111 SHAY RD VICTORVILLE, CA 92394	CERS HAZ WASTE	N/A
BIOGAS POWER SYSTEMS 20111 SHAY RD. VICTORVILLE, CA 92394	FINDS Registry ID:: 110070521836 Registry ID:: 110070489149	N/A
VICTOR VALLEY WASTE W 20111 SHAY RD VICTORVILLE, CA 92394	CIWQS	N/A
20111 SHAY ROAD 20111 SHAY ROAD VICTORVILLE, CA 92394	CHMIRS	N/A

## EXECUTIVE SUMMARY

OES Incident Number: 16-0613

RECYCLED WATER-VVWRA 20111 SHAY VICTORVILLE, CA 92394	CERS	N/A
VICTOR VALLEY WASTE 20111 SHAY VICTORVILLE, CA 92394	CERS	N/A
VICTOR VALLEY WASTE 20111 SHAY RD. VICTORVILLE, CA 92394	RCRA-VSQG EPA ID:: CAR000304600	CAR000304600
VICTOR VALLEY WASTE 20111 SHAY RD EXTENS VICTORVILLE, CA 92394	RCRA NonGen / NLR EPA ID:: CAL912693193	CAL912693193
CAL BIO-MASS COMPOST 20111 SHAY ROAD, VIC VICTORVILLE, CA	RGA LF	N/A
VICTOR VALLEY MUNI W 20111 SHAY RD VICTORVILLE, CA 92394	EMI Facility Id: 45301124  WDS Facility Status: A Facility Id: 6B360109001 Facility Id: 6B361005756	N/A
BIOGAS POWER SYSTEMS 20111 SHAY RD. VICTORVILLE, CA 92394	EMI Facility Id: 3465 Facility Id: 211603465	N/A
RECYCLED WATER-VVWRA 20111 SHAY ROAD VICTORVILLE, CA 92394	WDR	N/A
VICTOR VALLEY WASTE 20111 SHAY ROAD VICTORVILLE, CA 92394	RMP	N/A
20111 SHAY ROAD 20111 SHAY ROAD VICTORVILLE, CA 92394	ERNS	N/A

## EXECUTIVE SUMMARY

NRC Report #: 878806  
 Incident Date Time: 2008-07-29 06:00:00

VICTOR VALLEY WASTE 20111 SHAY VICTORVILLE, CA 92394	CERS	N/A
VICTOR VALLEY WASTE 20111 SHAY ROAD VICTORVILLE, CA 92394	FINDS Registry ID:: 110000517637 Registry ID:: 110064978993  ECHO Registry ID: 110000517637	N/A
20111 SHAY ROAD 20111 SHAY ROAD VICTORVILLE, CA 92394	CHMIRS OES Incident Number: 08-5510	N/A
VVWRA CENTRAL TREATM 20111 SHAY RD VICTORVILLE, CA 92392	HIST UST Facility Id: 00000046659	N/A
VICTOR VAL WASTEWATE 20111 SHAY RD VICTORVILLE, CA	RGA LUST	N/A
VICTOR VALLEY WASTE 20111 SHAY ROAD VICTORVILLE, CA	AST Database: AST, Date of Government Version: 07/06/2016	N/A
1X VICTOR VALLEY WAS 20111 SHAY RD EXTENT VICTORVILLE, CA 92394	HAZNET GEPAID: CAC000823224  HWTS	N/A

### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### **STANDARD ENVIRONMENTAL RECORDS**

#### ***Lists of Federal NPL (Superfund) sites***

Proposed NPL..... Proposed National Priority List Sites

## EXECUTIVE SUMMARY

NPL LIENS..... Federal Superfund Liens

### ***Lists of Federal Delisted NPL sites***

Delisted NPL..... National Priority List Deletions

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY..... Federal Facility Site Information listing

### ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

### ***Lists of Federal RCRA generators***

RCRA-SQG..... RCRA - Small Quantity Generators

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

### ***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE..... State Response Sites

### ***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR..... EnviroStor Database

### ***Lists of state and tribal leaking storage tanks***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

CPS-SLIC..... Statewide SLIC Cases

### ***Lists of state and tribal registered storage tanks***

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

### ***Lists of state and tribal voluntary cleanup sites***

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***Lists of state and tribal brownfield sites***

BROWNFIELDS..... Considered Brownfields Sites Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

## EXECUTIVE SUMMARY

### **Local Lists of Landfill / Solid Waste Disposal Sites**

WMUDS/SWAT.....	Waste Management Unit Database
SWRCY.....	Recycler Database
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
AQUEOUS FOAM.....	Former Fire Training Facility Assessments Listing

### **Local Lists of Registered Storage Tanks**

SWEEPS UST.....	SWEEPS UST Listing
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
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
PADS.....	PCB Activity Database 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

## EXECUTIVE SUMMARY

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
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
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
WIP.....	Well Investigation Program Case List
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***Lists of Federal NPL (Superfund) sites***

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/27/2022 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GEORGE AIR FORCE BAS</b> Cerclis ID:: 902737 EPA Id: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

### ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 04/27/2022 has revealed that there is 1 SEMS 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>
<b>GEORGE AIR FORCE BAS</b> Site ID: 0902737 EPA Id: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

### ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GEORGE AIR FORCE BAS</b> EPA ID:: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

## EXECUTIVE SUMMARY

### ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: 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.

A review of the RCRA-TSDF list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 RCRA-TSDF 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>
<b>GEORGE AIR FORCE BAS</b> EPA ID:: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

### ***Lists of Federal RCRA generators***

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 06/20/2022 has revealed that there is 1 RCRA-LQG 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>GEORGE AIR FORCE BAS</b> EPA ID:: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

### ***Federal institutional controls / engineering controls registries***

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 05/16/2022 has revealed that there is 1 US ENG CONTROLS 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>
<b>GEORGE AIR FORCE BAS</b> EPA ID:: CA2570024453 EPA ID:: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

## EXECUTIVE SUMMARY

US INST 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.

A review of the US INST CONTROLS list, as provided by EDR, and dated 05/16/2022 has revealed that there is 1 US INST CONTROLS 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>
<b>GEORGE AIR FORCE BAS</b> EPA ID:: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

### ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 3 SWF/LF 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>GEORGE AFB CONSTRUCT</b> Database: SWF/LF (SWIS), Date of Government Version: 05/09/2022 Operational Status: Closed Facility ID: 36-CR-0064 Regulation Status: Unpermitted	<b>NE CORNER OF BASE IN</b>	<b>SSW 1/4 - 1/2 (0.319 mi.)</b>	<b>39</b>	<b>503</b>
<b>GEORGE AFB CONSTRUCT</b> Database: SWF/LF (SWIS), Date of Government Version: 05/09/2022 Operational Status: Closed Facility ID: 36-CR-0065 Regulation Status: Pre-regulation	<b>NE CORNER OF BASE IN</b>	<b>SSW 1/4 - 1/2 (0.416 mi.)</b>	<b>40</b>	<b>506</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN ORGANICS/AT</b> Database: LOS ANGELES CO. LF, Date of Government Version: 04/11/2022 Database: SWF/LF (SWIS), Date of Government Version: 05/09/2022 Status: Active Site ID: 2324 Operational Status: Active Facility ID: 36-AA-0403 Regulation Status: Permitted	<b>20055 SHAY RD</b>	<b>SE 0 - 1/8 (0.062 mi.)</b>	<b>C36</b>	<b>441</b>

### ***Lists of state and tribal registered storage tanks***

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 are 2 AST sites within

## EXECUTIVE SUMMARY

approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN ORGANICS/AT</b> Database: AST, Date of Government Version: 07/06/2016	<b>20055 SHAY RD</b>	<b>SE 0 - 1/8 (0.062 mi.)</b>	<b>C36</b>	<b>441</b>
VICTOR VALLEY REGION Database: AST, Date of Government Version: 07/06/2016	20055 SHAY ROAD	SE 0 - 1/8 (0.062 mi.)	C38	502

### ADDITIONAL ENVIRONMENTAL RECORDS

#### **Local Lists of Hazardous waste / Contaminated Sites**

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/18/2022 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN ORGANICS/AT</b>	<b>20055 SHAY RD</b>	<b>SE 0 - 1/8 (0.062 mi.)</b>	<b>C36</b>	<b>441</b>

PFAS: A listing of PFAS contaminated sites included in the GeoTracker database.

A review of the PFAS list, as provided by EDR, and dated 03/07/2022 has revealed that there are 2 PFAS 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>
Not reported		0 - 1/8 (0.000 mi.)	B33	424
Not reported		0 - 1/8 (0.000 mi.)	B34	432

#### **Local Lists of Registered Storage Tanks**

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST 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>GEORGE AIR FORCE BAS</b> Facility Id: 00000009667	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

## EXECUTIVE SUMMARY

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 04/18/2022 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN ORGANICS/AT	20055 SHAY RD	SE 0 - 1/8 (0.062 mi.)	C36	441

### **Other Ascertainable Records**

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 06/20/2022 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN ORGANICS EPA ID:: CAL000349758	20055 SHAY RD	SE 0 - 1/8 (0.062 mi.)	C37	499

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 06/07/2021 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEORGE AFB		0 - 1/8 (0.000 mi.)	0	346

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/27/2022 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GEORGE AIR FORCE BAS EPA ID:: CA2570024453	AIR BASE RD- NR ST R	0 - 1/8 (0.000 mi.)	0	346

## EXECUTIVE SUMMARY

RAATS: The RCRA Administration Action Tracking System contains records based on enforcement actions issued under RCRA and pertaining to major violators. It includes administrative and civil actions brought by the United States Environmental Protection Agency. The source of this database is the U.S. EPA.

A review of the RAATS list, as provided by EDR, and dated 04/17/1995 has revealed that there is 1 RAATS site within approximately 0.001 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>GEORGE AIR FORCE BAS</b> Status: 20 Facility ID: CA2570024453	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

PRP: A listing of verified Potentially Responsible Parties

A review of the PRP list, as provided by EDR, and dated 01/25/2022 has revealed that there is 1 PRP site within approximately 0.001 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>GEORGE AIR FORCE BAS</b>	<b>AIR BASE RD- NR ST R</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>0</b>	<b>346</b>

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 12/31/2019 has revealed that there is 1 HAZNET site within approximately 0.001 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>JOSEPH JOLLA, LLC</b> GEPaid: CAC002227689	<b>7855 SAY AVE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>B32</b>	<b>422</b>

San Bern. Co. Permit: San Bernardino County Fire Department Hazardous Materials Division.

A review of the San Bern. Co. Permit list, as provided by EDR, and dated 05/12/2022 has revealed that there is 1 San Bern. Co. Permit site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN ORGANICS/AT</b> Facility Status: ACTIVE Facility Id: FA0016420	<b>20055 SHAY RD</b>	<b>SE 0 - 1/8 (0.062 mi.)</b>	<b>C36</b>	<b>441</b>

# EXECUTIVE SUMMARY

## EDR RECOVERED GOVERNMENT ARCHIVES

### ***Exclusive Recovered Govt. Archives***

RGA LF: 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.

A review of the RGA LF list, as provided by EDR, has revealed that there is 1 RGA LF site within approximately 0.001 miles of the target property.

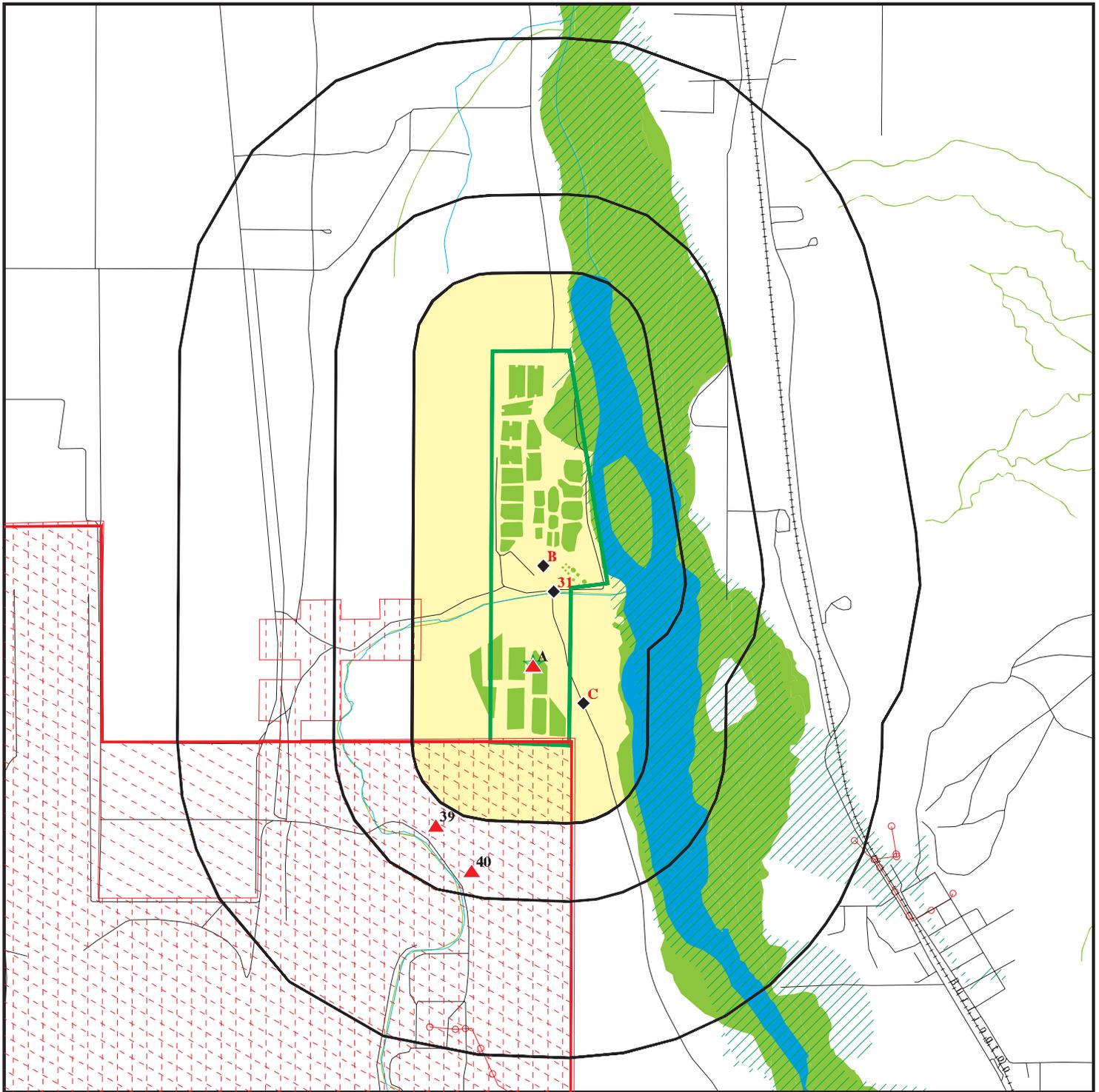
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VICTOR VALLEY REGION Facility ID: 36-AA-0403	20755 SHAY RD.	0 - 1/8 (0.000 mi.)	31	422

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

<u>Site Name</u>	<u>Database(s)</u>
VWRA ORO GRANDE PUMPING STATION	EMI

# OVERVIEW MAP - 7091817.2S



 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

 Special Flood Hazard Area (1%)

 0.2% Annual Chance Flood Hazard

 National Wetland Inventory

 State Wetlands

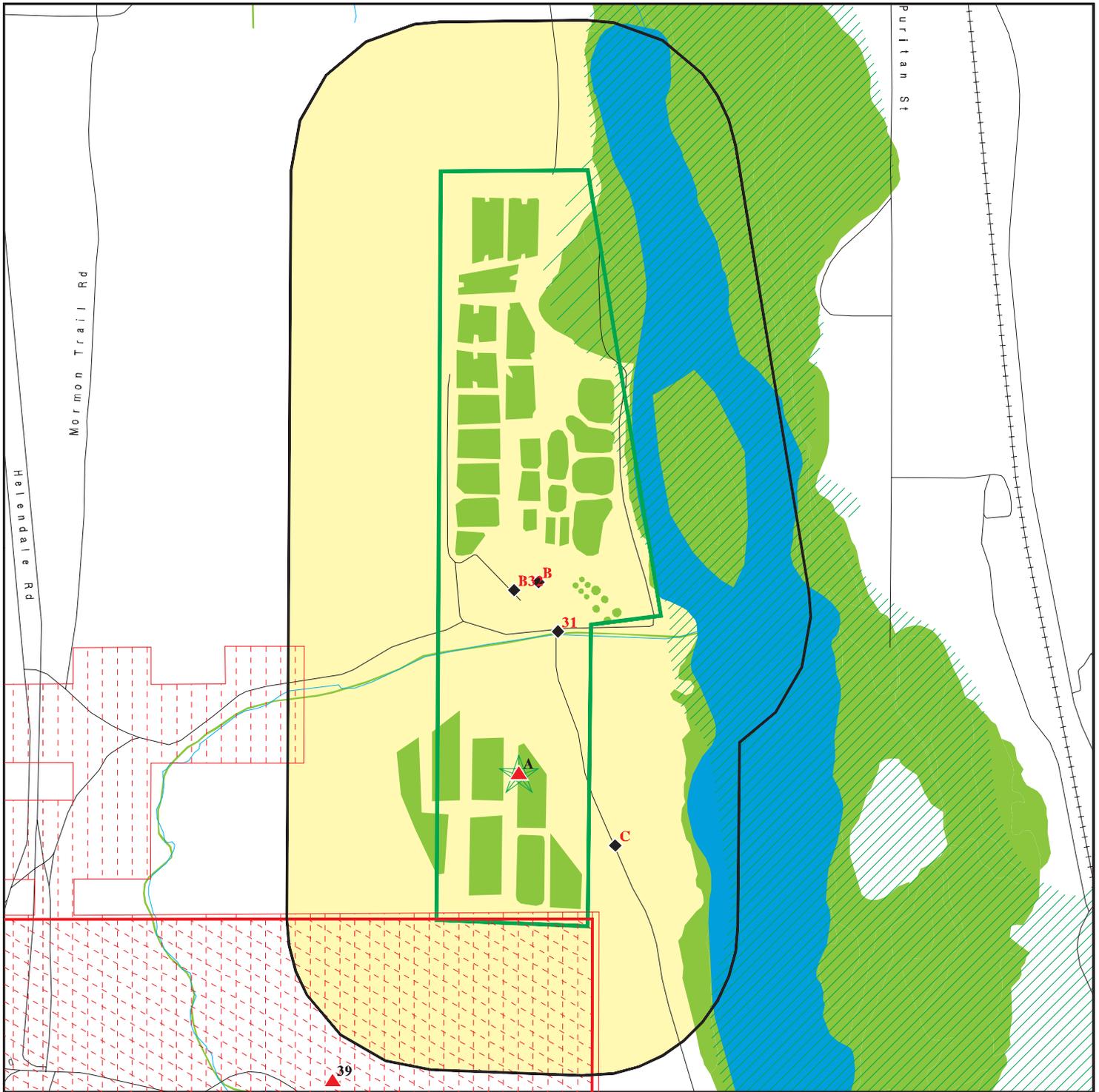
 Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: VVWRA  
 ADDRESS: 20111 Shay Road  
 Victorville CA 92394  
 LAT/LONG: 34.612055 / 117.358546

CLIENT: Trinity Consultants  
 CONTACT: Tiffany Wang  
 INQUIRY #: 7091817.2s  
 DATE: August 19, 2022 9:12 am

# DETAIL MAP - 7091817.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Special Flood Hazard Area (1%)
-  0.2% Annual Chance Flood Hazard
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: VVWRA  
 ADDRESS: 20111 Shay Road  
 Victorville CA 92394  
 LAT/LONG: 34.612055 / 117.358546

CLIENT: Trinity Consultants  
 CONTACT: Tiffany Wang  
 INQUIRY #: 7091817.2s  
 DATE: August 19, 2022 9:15 am

## 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>Lists of Federal NPL (Superfund) sites</i></b>								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal Delisted NPL sites</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Lists of Federal sites subject to CERCLA removals and CERCLA orders</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
<b><i>Lists of Federal CERCLA sites with NFRAP</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Lists of Federal RCRA facilities undergoing Corrective Action</i></b>								
CORRACTS	1.000		1	0	0	0	NR	1
<b><i>Lists of Federal RCRA TSD facilities</i></b>								
RCRA-TSDF	0.500		1	0	0	NR	NR	1
<b><i>Lists of Federal RCRA generators</i></b>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250	1	0	0	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROLS	0.500		1	0	0	NR	NR	1
<b><i>Federal ERNS list</i></b>								
ERNS	0.001	1	0	NR	NR	NR	NR	1
<b><i>Lists of state- and tribal (Superfund) equivalent sites</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>Lists of state- and tribal hazardous waste facilities</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>Lists of state and tribal landfills and solid waste disposal facilities</i></b>								
SWF/LF	0.500		1	0	2	NR	NR	3

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><i>Lists of state and tribal leaking storage tanks</i></b>								
LUST	0.500	1	0	0	0	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal registered storage tanks</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250	2	2	0	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>Lists of state and tribal voluntary cleanup sites</i></b>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b><i>Lists of state and tribal brownfield sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001	1	0	NR	NR	NR	NR	1
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	2	1	0	NR	NR	NR	3
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
AQUEOUS FOAM	TP		NR	NR	NR	NR	NR	0
PFAS	0.500	1	2	0	0	NR	NR	3
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250	2	1	0	NR	NR	NR	3
CA FID UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CERS TANKS	0.250	1	1	0	NR	NR	NR	2
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001	3	0	NR	NR	NR	NR	3
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250	1	1	0	NR	NR	NR	2
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		1	0	0	0	NR	1
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		1	0	0	0	NR	1
RMP	0.001	1	0	NR	NR	NR	NR	1
RAATS	0.001		1	NR	NR	NR	NR	1
PRP	0.001		1	NR	NR	NR	NR	1
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001	1	0	NR	NR	NR	NR	1
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	2	0	NR	NR	NR	NR	2
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500	1	0	0	0	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001	3	0	NR	NR	NR	NR	3
ENF	0.001	1	0	NR	NR	NR	NR	1
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	2	1	NR	NR	NR	NR	3
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500	1	0	0	0	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
San Bern. Co. Permit	0.250	1	1	0	NR	NR	NR	2
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001	2	0	NR	NR	NR	NR	2
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001	2	0	NR	NR	NR	NR	2
CIWQS	0.001	2	0	NR	NR	NR	NR	2
CERS	0.001	4	0	NR	NR	NR	NR	4
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA LF	0.001	1	1	NR	NR	NR	NR	2
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	0.001	1	0	NR	NR	NR	NR	1
- Totals --		46	23	0	2	0	0	71

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1** VICTOR VALLEY REGIONAL WWTP  
**Target** 20111 SHAY ROAD  
**Property** VICTORVILLE, CA 92394

**ICIS** 1016462606  
N/A

**Site 1 of 30 in cluster A**

**Actual:**  
**2663 ft.**

ICIS:

Enforcement Action ID: CA-N00004348  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Viol. Notice To Regultd  
Entity  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394  
Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00003786  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Cwa Penalty Ao  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAPO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00003785  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Cwa Penalty Ao  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394  
Enforcement Action Type: State CWA Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAPO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001960  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Viol. Notice To Regultd Entity

Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001959  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Viol. Notice To Regultd Entity

Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001958  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Administrative Order  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Enforcement Action Type: State CWA Non Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001957  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Administrative Order  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Non Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001956  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Administrative Order  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Non Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001955  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Oral Notification of

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Violation  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394  
Enforcement Action Type: Phone Call/ EMAIL  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: PHEMAIL  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported  
  
Enforcement Action ID: CA-N00001954  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Oral Notification of  
Violation  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394  
Enforcement Action Type: Phone Call/ EMAIL  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: PHEMAIL  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported  
  
Enforcement Action ID: CA-N00001953  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Cwa Penalty Ao  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394  
Enforcement Action Type: State CWA Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAPO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Tribal Land Code: Not reported

Enforcement Action ID: CA-N00001952  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Cwa Penalty Ao  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAPO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-2014-1056  
FRS ID: 110000517637  
Action Name: Victor Valley Regional WWTP - TSO  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Non Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-2012-1086  
FRS ID: 110000517637  
Action Name: Victor Valley WWTP - ACL  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAPO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-2010-1089  
FRS ID: 110000517637  
Action Name: Victor Valley WWTP - TSO  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Non Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-2008-1054  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY MUNI WTP - ACL  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: State CWA Penalty AO  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: SCWAAPO  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200128858  
FRS ID: 110000517637  
Action Name: Victor Valley Wastewater Reclamation Authority WTP - VER  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Oral Notification of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: ONV  
Facility SIC Code: 4952

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200097161  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY MUNI WTP - NOV  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200080726  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY MUNI WTP - NOV  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200074285  
FRS ID: 110000517637  
Action Name: Victor Valley Muni WTP - NOV  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200045425  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY MUNI WTP - NOV  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200045424  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY MUNI WTP - NOV  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: Notice of Violation  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NOV  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: CA-200045382  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY MUNI WTP - LTR  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Enforcement Action Type: Letter to Regulated Entity  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: LRE  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-2010-3548  
FRS ID: 110000517637  
Action Name: Victory Valley Wastewater Reclamation Auth. CAA 112R ESA  
Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 923948539

Enforcement Action Type: CAA 113D1 Action For Penalty - 112(r) Expedited Settlement Program  
Facility County: SAN BERNARDINO  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 113D1E  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.5791878  
Longitude in Decimal Degrees: -117.346497  
Permit Type Desc: Not reported  
Program System Acronym: 2200008459  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: 09-1986-N006  
FRS ID: 110000517637  
Action Name: VICTOR VALLEY REGIONAL WWTP (Permit CA0102822) Administrative Order  
Facility Name: VICTOR VALLEY REGIONAL WWTP  
Facility Address: 20111 SHAY ROAD  
VICTORVILLE, CA 92394

Enforcement Action Type: CWA 309A AO For Compliance  
Facility County: SAN BERNARDINO  
Program System Acronym: NPDES  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 309A  
Facility SIC Code: 4952  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 34.615778  
Longitude in Decimal Degrees: -117.356083  
Permit Type Desc: NPDES Individual Permit  
Program System Acronym: CA0102822  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY REGIONAL WWTP (Continued)**

**1016462606**

Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

**A2  
Target  
Property**

**VICTOR VALLEY WASTEWATER RA  
20111 SHAY RD. EXTENSION  
VICTORVILLE, CA 92392**

**HWTS S124786231  
N/A**

**Site 2 of 30 in cluster A**

**Actual:  
2663 ft.**

HWTS:  
Name: VICTOR VALLEY WASTEWATER RA  
Address: 20111 SHAY RD. EXTENSION  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RA (Continued)**

**S124786231**

EPA ID: CAL000070500  
 Inactive Date: 12/31/1899  
 Create Date: 07/27/1993  
 Last Act Date: Not reported  
 Mailing Name: Not reported  
 Mailing Address: 20111 SHAY RD. EXTENSION  
 Mailing Address 2: Not reported  
 Mailing City,State,Zip: VICTORVILLE, CA 923920000  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner Address 2: Not reported  
 Owner City,State,Zip: Not reported  
 Contact Name: DEACTIVATED;SEE CAL912693193  
 Contact Address: PER BRUCE CORREIA  
 Contact Address 2: Not reported  
 City,State,Zip: Not reported  
 Facility Status: Inactive  
 Facility Type: PERMANENT  
 Category: STATE  
 Latitude: 34.611193  
 Longitude: -117.356141

**A3** VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
**Target** 20111 SHAY RD  
**Property** VICTORVILLE, CA 92394

Site 3 of 30 in cluster A

**Actual:**  
 2663 ft.

**LUST** 1000593610  
**AST** N/A  
**CERS HAZ WASTE**  
**HIST UST**  
**CERS TANKS**  
**CHMIRS**  
**Cortese**  
**ENF**  
**HIST CORTESE**  
**NPDES**  
**San Bern. Co. Permit**  
**CIWQS**  
**CERS**

**LUST:**

Name: VICTOR VAL WASTEWATER FACILITY  
 Address: 20111 SHAY RD  
 City,State,Zip: VICTORVILLE, CA 92392  
 Lead Agency: SAN BERNARDINO COUNTY  
 Case Type: LUST Cleanup Site  
 Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0607100790](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0607100790)  
 Global Id: T0607100790  
 Latitude: 34.6167160118011  
 Longitude: -117.357115745544  
 Status: Completed - Case Closed  
 Status Date: 11/23/1992  
 Case Worker: CB  
 RB Case Number: 6B3600487T  
 Local Agency: SAN BERNARDINO COUNTY  
 File Location: Local Agency  
 Local Case Number: 92044  
 Potential Media Affect: Soil  
 Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating  
 Site History: Not reported

**LUST:**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Global Id: T0607100790  
Contact Type: Local Agency Caseworker  
Contact Name: CURTIS BRUNDAGE  
Organization Name: SAN BERNARDINO COUNTY  
Address: 620 S. E STREET  
City: SAN BERNARDINO  
Email: cbrundage@sbcfire.org  
Phone Number: Not reported

Global Id: T0607100790  
Contact Type: Regional Board Caseworker  
Contact Name: JEHIEL CASS  
Organization Name: LAHONTAN RWQCB (REGION 6V)  
Address: 15095 Armagosa Road, Building 2, Suite 210  
City: VICTORVILLE  
Email: jehiel.cass@waterboards.ca.gov  
Phone Number: 7602412434

LUST:

Global Id: T0607100790  
Action Type: Other  
Date: 11/04/1992  
Action: Leak Reported

Global Id: T0607100790  
Action Type: Other  
Date: 09/18/1992  
Action: Leak Stopped

Global Id: T0607100790  
Action Type: Other  
Date: 09/18/1992  
Action: Leak Discovery

LUST:

Global Id: T0607100790  
Status: Open - Case Begin Date  
Status Date: 09/18/1992

Global Id: T0607100790  
Status: Completed - Case Closed  
Status Date: 11/23/1992

LUST Region 6V:

Name: VICTOR VAL WASTEWATER FACILITY  
Address: 20111 SHAY RD  
City: VICTORVILLE  
Region: 6V  
Case Number: 6B3600487T  
Leak Record: 6/30/1993  
Report Date: 11/4/1992  
Reported By Address: Not reported  
Responsible Party: VICTOR VALLEY WW RECLAMATION  
Operator: VICTOR VAL WW RECLAMATION AUTH  
Cross Street: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Local Agency: 36000L  
Regional Board: 6V  
Chemical: Waste Oil  
Case Type: Soil only  
Funding: Not reported  
Enforce Type: N  
How Found: Tank Closure  
How Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Global ID: T0607100790  
Stop Date: 9/18/1992  
Leak Confirm: Not reported  
Submit Workplan: Not reported  
Prelim Assess: Not reported  
Pollution Char: Not reported  
Remed Plan: Not reported  
Remed Action: Not reported  
Monitoring: Not reported  
Close Date: 11/23/1992  
Discovered: 9/18/1992  
Enforce Date: 1/1/1965  
Review Date: 1/13/2000  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
MTBE class: \*  
Max MTBE Grnd Wtr: Not reported  
Max MTBE Soil: Not reported  
MTBE Counts: 0  
MTBE Fuel: 0  
MTBE Tested: NRQ  
Organization Name: Not reported  
Status: Case Closed  
Contact: Not reported  
Interim Action: Not reported  
Pilot Program: LUST  
Lat/Long: 34.5421818 / -117.3269475  
Staff Initials: KD  
Local Agency Staff: CB5  
Lead Agency: Local Agency  
Summary: Not reported  
Basin Number: UPPER MOJAVE RIVER V  
Beneficial: Not reported  
Priority: Not reported  
UST Cleanup Fund ID: Not reported  
Suspended: Not reported  
Local Case Number: 92044  
Amount: Not reported  
Abate Method: Not reported  
Water System: Not reported  
Well Name: Not reported  
Distance: 1409.76811  
Wst Disch Reqrmt Global ID: Not reported  
Wst Disch Reqrmt Name: Not reported

AST:

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Address: 20111 SHAY RD  
City/Zip: VICTORVILLE,92394  
Certified Unified Program Agencies: Not reported  
Owner: Victor Valley Wastewater Reclamation Authority  
Total Gallons: Not reported  
CERSID: 10403029  
Facility ID: FA0007172  
Business Name: Victor Valley Wastewater Reclamation Authority  
Phone: 760-246-8638  
Fax: 760-246-2898  
Mailing Address: 20111 Shay Road  
Mailing Address City: Victorville  
Mailing Address State: CA  
Mailing Address Zip Code: 92394  
Operator Name: Logan Olds  
Operator Phone: 760-246-8638  
Owner Phone: 760-246-8638  
Owner Mail Address: 20111 Shay Road  
Owner State: CA  
Owner Zip Code: 92394  
Owner Country: United States  
Property Owner Name: Victor Valley Wastewater Reclamation Authority  
Property Owner Phone: 760-246-8638  
Property Owner Mailing Address: 20111 Shay Road  
Property Owner City: Victorville  
Property Owner Stat : CA  
Property Owner Zip Code: 92394  
Property Owner Country: United States  
EPAID: CAL912693193

**CERS HAZ WASTE:**

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 169066  
CERS ID: 10403029  
CERS Description: Hazardous Waste Generator

**HIST UST:**

Name: VVWRA CENTRAL TREATMENT PLANT  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92392  
File Number: 0002A9D6  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A9D6.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

Tank Num: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

**CERS TANKS:**

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 169066  
CERS ID: 10403029  
CERS Description: Aboveground Petroleum Storage

**CHMIRS:**

Name: Not reported  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
OES Incident Number: 1-1277  
OES notification: 03/02/2011  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Yes  
Waterway: Mojave River  
Spill Site: Merchant/Business  
Cleanup By: Reporting Party  
Containment: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	930
Year:	2011
Agency:	Victor Valley Water Reclamation Authority
Incident Date:	3/2/2011
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Mojave River
E Date:	Not reported
Substance:	Undisinfected Secondary Effluent
Quantity Released:	10,000
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states a 24-inch secondary effluent line was broken by a contractor. The line ruptured which caused substance to release into the Mojave River.
Name:	Not reported
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
OES Incident Number:	1-2656
OES notification:	04/28/2011
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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:	Mojave River
Spill Site:	Treatment/Sewage Facility
Cleanup By:	None
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	959
Year:	2011
Agency:	Victor Valley Waste Water Reclamation Authority
Incident Date:	4/28/2011
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Mojave River
E Date:	Not reported
Substance:	Treated waste water
Quantity Released:	67,800
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states that a wet well overflowed into the Mojave River. High chlorine residual of 4.14 milligrams per liter. This was a 21 minute overflow.
Name:	Not reported
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
OES Incident Number:	10-3733
OES notification:	06/18/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)

1000593610

OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain, runs to Mojave River
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1530
Year:	2010
Agency:	Victor Valley Waste Water Reclamation Authority
Incident Date:	6/18/2010
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain, runs to Mojave River
E Date:	Not reported
Substance:	Digester Sludge
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Caller states a power failure caused digester equipment to fail and not restart. This resulted in the overflow of substance from a drain sump to a storm drain that runs to the Mojave River. The release was contained at approximately 1430 hours and clean up is currently in progress.
Name:	Not reported
Address:	20111 SHAY RD
City,State,Zip:	VICTORVILLE, CA 92394
OES Incident Number:	4-6775
OES notification:	11/28/2014
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Treatment/Sewage Facility
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	SEWAGE
Measure:	Gal(s)
Other:	Not reported
Date/Time:	830

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Year: 2014  
Agency: Victor Valley Waste Water  
Incident Date: 11/28/2014  
Admin Agency: Not reported  
Amount: Not reported  
Contained: Yes  
Site Type: Not reported  
E Date: Not reported  
Substance: Sewage - Raw  
Quantity Released: 100  
Unknown: Not reported  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
#1 Pipeline: No  
#2 Pipeline: No  
#3 Pipeline: No  
#1 Vessel >= 300 Tons: No  
#2 Vessel >= 300 Tons: No  
#3 Vessel >= 300 Tons: No  
Evacs: No  
Injuries: Mechanical  
Fataals: No  
Comments: Not reported  
Description: Storage basin wall ruptured causing the release, material flowed onto soil, RP handled the containment and clean up.

Name: Not reported  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
OES Incident Number: 12-3485  
OES notification: 06/14/2012  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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:	Unknown
Waterway:	Mojave River
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2132
Year:	2012
Agency:	Victor Valley Wastewater Reclamation District Authority
Incident Date:	6/14/2012
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Mojave River
E Date:	Not reported
Substance:	Sewage
Quantity Released:	unknown
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Due to a power outage the treatment plant is not running and this is causing a diversion to a concrete emergency basin. It does appear that prior to the diversion that some spillage occurred to a drain that flows to the Mojave River Not reported
Name:	Not reported
Address:	20111 SHAY RD
City,State,Zip:	VICTORVILLE, CA
OES Incident Number:	1-1119
OES notification:	02/23/2011
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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
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:	Mojave River
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1759
Year:	2011
Agency:	Victor Valley Waste Water Reclamation Authority
Incident Date:	2/23/2011
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	No
Site Type:	Mojave River
E Date:	Not reported
Substance:	Effluent Water
Quantity Released:	14,062
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Fatals:	Not reported
Comments:	Not reported
Description:	A reduction in a dechlorination agent caused this of a higher chlorinated water content to the Mojave River. Effluent water is released daily but this release is a higher content of chlorinated water being release than normal and the event lasted for 2 minutes and 14 seconds.
Name:	Not reported
Address:	20111 SHAY RD
City,State,Zip:	VICTORVILLE, CA 92394
OES Incident Number:	15-1657
OES notification:	03/23/2015
OES Date:	Not reported
OES Time:	Not reported
<b>Date Completed:</b>	<b>Not reported</b>
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Mojave River
Spill Site:	Treatment/Sewage Facility
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	SEWAGE
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1215
Year:	2015
Agency:	Victor Valley Waste Water Reclamation Authority
Incident Date:	03/23/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Admin Agency: Victorville Fire Department  
Amount: Not reported  
Contained: Yes  
Site Type: Mojave River  
E Date: Not reported  
Substance: Secondary Effluent  
Quantity Released: 5376  
Unknown: Not reported  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: Not reported  
Number of Injuries: Not reported  
Number of Fatalities: Not reported  
#1 Pipeline: No  
#2 Pipeline: No  
#3 Pipeline: No  
#1 Vessel >= 300 Tons: No  
#2 Vessel >= 300 Tons: No  
#3 Vessel >= 300 Tons: No  
Evacs: No  
Injuries: No  
Fatafs: No  
Comments: Not reported  
Description: RP states that a pump failure caused the release. Cleanup is in progress. Release contained to site, however, approximately 53 gallons entered a storm drain that flows to the Mojave River.

**CORTESE:**

Name: VICTOR VAL WASTEWATER FACILITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92392  
Region: CORTESE  
Envirostor Id: Not reported  
Global ID: T0607100790  
Site/Facility Type: LUST CLEANUP SITE  
Cleanup Status: COMPLETED - CASE CLOSED  
Status Date: Not reported  
Site Code: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Owner: Not reported  
Enf Type: Not reported  
Swat R: Not reported  
Flag: active  
Order No: Not reported  
Waste Discharge System No: Not reported  
Effective Date: Not reported  
Region 2: Not reported  
WID Id: Not reported  
Solid Waste Id No: Not reported  
Waste Management Uit Name: Not reported  
File Name: Active Open

**ENF:**

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219141
Region:	Not reported
Order / Resolution Number:	93-048A1
Enforcement Action Type:	Cease and Desist Order
Effective Date:	01/12/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	7/11/1996
Termination Date:	12/15/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001
Description:	EXTENDS FINAL COMPLIANCE DATE FROM 94-11-01 TO 95-11-01
Program:	NPDMUNILRG
Latest Milestone Completion Date:	7/11/1996
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	219468
Region:	Not reported
Order / Resolution Number:	93-048
Enforcement Action Type:	Cease and Desist Order
Effective Date:	05/13/1993
Adoption/Issuance Date:	Not reported
Achieve Date:	7/11/1996
Termination Date:	12/15/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001
Description:	JANUARY 19-26, 1993 SPILL FROM INTERCEATOR TO MOJAVE RIVER.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	7/11/1996
# Of Programs1:	1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Total Assessment Amount: 0  
 Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Victor Valley Wastewater Reclamation Authority  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Municipal  
 # Of Agencies: 1  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Reg Meas  
 Design Flow: 12.5  
 Threat To Water Quality: 1  
 Complexity: A  
 Pretreatment: Y - POTW has EPA approved pretreatment program  
 Facility Waste Type: Not reported  
 Facility Waste Type 2: Not reported  
 Facility Waste Type 3: Not reported  
 Facility Waste Type 4: Not reported  
 Program: NPDMUNILRG  
 Program Category1: NPDESWW  
 Program Category2: NPDESWW  
 # Of Programs: 1  
 WDID: 6B360109001  
 Reg Measure Id: 389949  
 Reg Measure Type: NPDES Permits  
 Region: Not reported  
 Order #: R6V-2013-0038  
 Npdes# CA#: CA0102822  
 Major-Minor: Major  
 Npdes Type: Not reported  
 Reclamation: Not reported  
 Dredge Fill Fee: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Active  
Status Date: 04/19/2019  
Effective Date: 09/05/2013  
Expiration/Review Date: 09/05/2020  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 394073  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Notice of Violation  
Effective Date: 11/20/2013  
Adoption/Issuance Date: 11/20/2013  
Achieve Date: Not reported  
Termination Date: Not reported  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Active  
Title: NOV 11/20/2013 for Victor Valley Wastewater Reclamation Authority  
Description: Not reported  
Program: NPDMUNILRG  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Victor Valley Wastewater Reclamation Authority  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Municipal  
# Of Agencies: 1  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	12.5
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	Y - POTW has EPA approved pretreatment program
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	6B360109001
Reg Measure Id:	341535
Reg Measure Type:	NPDES Permits
Region:	Not reported
Order #:	R6V-2008-0004
Npdes# CA#:	CA0102822
Major-Minor:	Major
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	04/19/2019
Effective Date:	02/14/2008
Expiration/Review Date:	02/14/2013
Termination Date:	07/18/2013
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	387795
Region:	Not reported
Order / Resolution Number:	R6V-2012-0048
Enforcement Action Type:	Admin Civil Liability
Effective Date:	09/12/2012
Adoption/Issuance Date:	09/12/2012
Achieve Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Termination Date: 01/04/2014  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: ACL R6V-2012-0048 for Victor Valley Wastewater Reclamation Authority  
Description: Imposes total liability of \$700,000. \$377,394 will be a cash payment to the CAA and the remaining \$322,606 will go to a SEP (Mojave River Agency Salt and Nutrient Management Plan).  
Program: NPDMUNILRG  
Latest Milestone Completion Date: 1/4/2016  
# Of Programs1: 1  
Total Assessment Amount: 377394  
Initial Assessed Amount: 700000  
Liability \$ Amount: 377394  
Project \$ Amount: 0  
Liability \$ Paid: 377394  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 377394  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Victor Valley Wastewater Reclamation Authority  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Municipal  
# Of Agencies: 1  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 18  
Threat To Water Quality: 3  
Complexity: A  
Pretreatment: Y - POTW has EPA approved pretreatment program  
Facility Waste Type: Domestic wastewater  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: WDRMUNILRG  
Program Category1: WDR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Program Category2: WDR  
# Of Programs: 1  
WDID: 6B360109001  
Reg Measure Id: 388243  
Reg Measure Type: WDR  
Region: Not reported  
Order #: R6V-2012-0058  
Npdes# CA#: Not reported  
Major-Minor: Major  
Npdes Type: MUN  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: Not reported  
Status: Active  
Status Date: 04/19/2019  
Effective Date: 11/14/2012  
Expiration/Review Date: 11/17/2027  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 412399  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Oral Communication  
Effective Date: 02/23/2017  
Adoption/Issuance Date: 02/23/2017  
Achieve Date: Not reported  
Termination Date: 02/27/2017  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Oral Com 02/23/2017 for Victor Valley Wastewater Reclamation Authority  
Description: Not reported  
Program: WDRMUNILRG  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Facility Id: 270419  
Agency Name: Victor Valley Wastewater Reclamation Authority  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Municipal  
# Of Agencies: 1  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 12.5  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: Y - POTW has EPA approved pretreatment program  
Facility Waste Type: Domestic wastewater  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDMUNILRG  
Program Category1: NPDESWW  
Program Category2: NPDESWW  
# Of Programs: 1  
WDID: 6B360109001  
Reg Measure Id: 145795  
Reg Measure Type: NPDES Permits  
Region: Not reported  
Order #: R6V-1999-0058  
Npdes# CA#: CA0102822  
Major-Minor: Major  
Npdes Type: MUN  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 12/21/2015  
Effective Date: 11/17/1999  
Expiration/Review Date: 11/17/2004  
Termination Date: 11/14/2012  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDR Review - Planned: Not reported  
 Status Enrollee: N  
 Individual/General: I  
 Fee Code: 66 - NPDES Based on Flow  
 Direction/Voice: Passive  
 Enforcement Id(EID): 388137  
 Region: Not reported  
 Order / Resolution Number: R6V-2008-004  
 Enforcement Action Type: Notice of Violation  
 Effective Date: 11/01/2012  
 Adoption/Issuance Date: 11/01/2012  
 Achieve Date: Not reported  
 Termination Date: 02/02/2013  
 ACL Issuance Date: Not reported  
 EPL Issuance Date: Not reported  
 Status: Historical  
 Title: NOV - VVWRA (11/1/2012)  
 Description: NOV request the Discharger to submit a Report by February 1, 2013 addressing each violation.  
 Program: NPDmunilrg  
 Latest Milestone Completion Date: 2/1/2013  
 # Of Programs1: 1  
 Total Assessment Amount: 0  
 Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Victor Valley Wastewater Reclamation Authority  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Municipal  
 # Of Agencies: 1  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Reg Meas

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Design Flow: 12.5  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: Y - POTW has EPA approved pretreatment program  
Facility Waste Type: Domestic wastewater  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDMUNILRG  
Program Category1: NPDESWW  
Program Category2: NPDESWW  
# Of Programs: 1  
WDID: 6B360109001  
Reg Measure Id: 145795  
Reg Measure Type: NPDES Permits  
Region: Not reported  
Order #: R6V-1999-0058  
Npdes# CA#: CA0102822  
Major-Minor: Major  
Npdes Type: MUN  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 12/21/2015  
Effective Date: 11/17/1999  
Expiration/Review Date: 11/17/2004  
Termination Date: 11/14/2012  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 377110  
Region: Not reported  
Order / Resolution Number: R6V-2008-0004  
Enforcement Action Type: Notice of Violation  
Effective Date: 12/22/2010  
Adoption/Issuance Date: 12/22/2010  
Achieve Date: Not reported  
Termination Date: Not reported  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV - VVWRA (12/22/2010)  
Description: NOV for unauthorized discharge on December 7, 2010 SSO from a sewer collection system manhole "I" and Lemon Ave release of 222,519 gallons of untreated sewage.  
Program: NPDMUNILRG  
Latest Milestone Completion Date: 1/20/2011  
# Of Programs1: 1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Total Assessment Amount: 0  
 Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Victor Valley Wastewater Reclamation Authority  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Municipal  
 # Of Agencies: 1  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Reg Meas  
 Design Flow: 12.5  
 Threat To Water Quality: 1  
 Complexity: A  
 Pretreatment: Y - POTW has EPA approved pretreatment program  
 Facility Waste Type: Domestic wastewater  
 Facility Waste Type 2: Not reported  
 Facility Waste Type 3: Not reported  
 Facility Waste Type 4: Not reported  
 Program: NPDMUNILRG  
 Program Category1: NPDESWW  
 Program Category2: NPDESWW  
 # Of Programs: 1  
 WDID: 6B360109001  
 Reg Measure Id: 145795  
 Reg Measure Type: NPDES Permits  
 Region: Not reported  
 Order #: R6V-1999-0058  
 Npdes# CA#: CA0102822  
 Major-Minor: Major  
 Npdes Type: MUN  
 Reclamation: N - No  
 Dredge Fill Fee: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

301H: N  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 12/21/2015  
Effective Date: 11/17/1999  
Expiration/Review Date: 11/17/2004  
Termination Date: 11/14/2012  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 376538  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Notice of Violation  
Effective Date: 11/08/2010  
Adoption/Issuance Date: 11/08/2010  
Achieve Date: Not reported  
Termination Date: Not reported  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV - VVWRA (11/8/2010)  
Description: NOV request by Nov. 23, 2010 provide implementation plan and time schedule.  
Program: NPDUNILRG  
Latest Milestone Completion Date: 11/23/2010  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Victor Valley Wastewater Reclamation Authority  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Municipal  
# Of Agencies: 1  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	12.5
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	Y - POTW has EPA approved pretreatment program
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	6B360109001
Reg Measure Id:	145795
Reg Measure Type:	NPDES Permits
Region:	Not reported
Order #:	R6V-1999-0058
Npdes# CA#:	CA0102822
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/21/2015
Effective Date:	11/17/1999
Expiration/Review Date:	11/17/2004
Termination Date:	11/14/2012
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	357005
Region:	Not reported
Order / Resolution Number:	R6V-1999-0058
Enforcement Action Type:	Notice of Violation
Effective Date:	01/24/2008
Adoption/Issuance Date:	01/24/2008

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Achieve Date: Not reported  
 Termination Date: 11/13/2008  
 ACL Issuance Date: Not reported  
 EPL Issuance Date: Not reported  
 Status: Historical  
 Title: NOV-Victor Valley WWRA/ Mojave River (1-24-2008)  
 Description: NOV documents violation of chlorine residual effluent limits specified in NPDES permit. Also documents dischargers response. Identifies violation as subject to MMP. No compliance dates/milestones.  
 Program: NPDMUNILRG  
 Latest Milestone Completion Date: Not reported  
 # Of Programs1: 1  
 Total Assessment Amount: 0  
 Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Victor Valley Wastewater Reclamation Authority  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Municipal  
 # Of Agencies: 1  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Reg Meas  
 Design Flow: 12.5  
 Threat To Water Quality: 1  
 Complexity: A  
 Pretreatment: Y - POTW has EPA approved pretreatment program  
 Facility Waste Type: Domestic wastewater  
 Facility Waste Type 2: Not reported  
 Facility Waste Type 3: Not reported  
 Facility Waste Type 4: Not reported  
 Program: NPDMUNILRG

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	6B360109001
Reg Measure Id:	145795
Reg Measure Type:	NPDES Permits
Region:	Not reported
Order #:	R6V-1999-0058
Npdes# CA#:	CA0102822
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/21/2015
Effective Date:	11/17/1999
Expiration/Review Date:	11/17/2004
Termination Date:	11/14/2012
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	337301
Region:	Not reported
Order / Resolution Number:	R6V-1999-0058
Enforcement Action Type:	Notice of Violation
Effective Date:	08/28/2007
Adoption/Issuance Date:	08/28/2007
Achieve Date:	Not reported
Termination Date:	08/28/2007
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV - 6B360109001
Description:	Letter of immediate actions taken to address the cause of effluent limit violations described in the July 6, 2006. Also provide a summary of effectiveness of these immediate actions.Due on July 6, 2006
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Victor Valley Wastewater Reclamation Authority  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Municipal  
# Of Agencies: 1  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 12.5  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: Y - POTW has EPA approved pretreatment program  
Facility Waste Type: Domestic wastewater  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDMMUNILRG  
Program Category1: NPDESWW  
Program Category2: NPDESWW  
# Of Programs: 1  
WDID: 6B360109001  
Reg Measure Id: 145795  
Reg Measure Type: NPDES Permits  
Region: Not reported  
Order #: R6V-1999-0058  
Npdes# CA#: CA0102822  
Major-Minor: Major  
Npdes Type: MUN  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 12/21/2015  
Effective Date: 11/17/1999  
Expiration/Review Date: 11/17/2004  
Termination Date: 11/14/2012  
WDR Review - Amend: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	336228
Region:	Not reported
Order / Resolution Number:	R6V-1999-0058
Enforcement Action Type:	Notice of Violation
Effective Date:	07/06/2006
Adoption/Issuance Date:	07/06/2006
Achieve Date:	Not reported
Termination Date:	01/28/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV-Victor Valley WWRA
Description:	VVWRA has experienced influent flow rates exceeding permit limitations between 1-1-06 and 3-31-06. VVWRA has also experienced turbidity and total suspended solids violations for discharges to the Mojave River.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Victor Valley Wastewater Reclamation Authority
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Municipal
# Of Agencies:	1
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	12.5
Threat To Water Quality:	1
Complexity:	A
Pretreatment:	Y - POTW has EPA approved pretreatment program
Facility Waste Type:	Domestic wastewater
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDMUNILRG
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	6B360109001
Reg Measure Id:	145795
Reg Measure Type:	NPDES Permits
Region:	Not reported
Order #:	R6V-1999-0058
Npdes# CA#:	CA0102822
Major-Minor:	Major
Npdes Type:	MUN
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	12/21/2015
Effective Date:	11/17/1999
Expiration/Review Date:	11/17/2004
Termination Date:	11/14/2012
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	66 - NPDES Based on Flow
Direction/Voice:	Passive
Enforcement Id(EID):	256415
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	02/19/2005
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	01/31/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Description: The actions of the discharger brought the overflow violation into compliance. Spill report received 3-17-05. This was an unplanned discharge during a storm event. Staff recommends no further action at this time.

Program: NPDUNILRG

Latest Milestone Completion Date: Not reported

# Of Programs1: 1

Total Assessment Amount: 0

Initial Assessed Amount: 0

Liability \$ Amount: 0

Project \$ Amount: 0

Liability \$ Paid: 0

Project \$ Completed: 0

Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP

Address: 20111 SHAY ROAD

City,State,Zip: VICTORVILLE, CA 92394

Region: Not reported

Facility Id: 270419

Agency Name: Victor Valley Wastewater Reclamation Authority

Place Type: Utility

Place Subtype: Wastewater Treatment Facility

Facility Type: Municipal/Domestic

Agency Type: Municipal

# Of Agencies: 1

Place Latitude: 34.618009

Place Longitude: -117.357746

SIC Code 1: 4952

SIC Desc 1: Sewerage Systems

SIC Code 2: Not reported

SIC Desc 2: Not reported

SIC Code 3: Not reported

SIC Desc 3: Not reported

NAICS Code 1: 22132

NAICS Desc 1: Sewage Treatment Facilities

NAICS Code 2: Not reported

NAICS Desc 2: Not reported

NAICS Code 3: Not reported

NAICS Desc 3: Not reported

# Of Places: 1

Source Of Facility: Reg Meas

Design Flow: 12.5

Threat To Water Quality: 1

Complexity: A

Pretreatment: Y - POTW has EPA approved pretreatment program

Facility Waste Type: Domestic wastewater

Facility Waste Type 2: Not reported

Facility Waste Type 3: Not reported

Facility Waste Type 4: Not reported

Program: NPDUNILRG

Program Category1: NPDESWW

Program Category2: NPDESWW

# Of Programs: 1

WDID: 6B360109001

Reg Measure Id: 145795

Reg Measure Type: NPDES Permits

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Region: Not reported  
Order #: R6V-1999-0058  
Npdes# CA#: CA0102822  
Major-Minor: Major  
Npdes Type: MUN  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 12/21/2015  
Effective Date: 11/17/1999  
Expiration/Review Date: 11/17/2004  
Termination Date: 11/14/2012  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 256062  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Notice of Violation  
Effective Date: 06/09/2005  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 01/31/2011  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B360109001  
Description: Request discharger to evaluate operating conditions, as well as provide RB with: copies of daily logs, emergency plan, descriptions of improvements to facility (monitoring freeboard). NOV issued requesting info.  
Program: NPDmunilrg  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Victor Valley Wastewater Reclamation Authority

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Municipal  
# Of Agencies: 1  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 12.5  
Threat To Water Quality: 1  
Complexity: A  
Pretreatment: Y - POTW has EPA approved pretreatment program  
Facility Waste Type: Domestic wastewater  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDMUNILRG  
Program Category1: NPDESWW  
Program Category2: NPDESWW  
# Of Programs: 1  
WDID: 6B360109001  
Reg Measure Id: 145795  
Reg Measure Type: NPDES Permits  
Region: Not reported  
Order #: R6V-1999-0058  
Npdes# CA#: CA0102822  
Major-Minor: Major  
Npdes Type: MUN  
Reclamation: N - No  
Dredge Fill Fee: Not reported  
301H: N  
Application Fee Amt Received: Not reported  
Status: Historical  
Status Date: 12/21/2015  
Effective Date: 11/17/1999  
Expiration/Review Date: 11/17/2004  
Termination Date: 11/14/2012  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Individual/General: I  
Fee Code: 66 - NPDES Based on Flow  
Direction/Voice: Passive  
Enforcement Id(EID): 219467  
Region: Not reported  
Order / Resolution Number: 93-049  
Enforcement Action Type: Admin Civil Liability  
Effective Date: 04/26/1993  
Adoption/Issuance Date: Not reported  
Achieve Date: 5/2/1994  
Termination Date: Not reported  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B360109001  
Description: VVWRA SPILLMTO MOJAVE RIVER FROM INTERCEPTOR JANUARY 19-26, 1993.  
  
Program: NPDUNILRG  
Latest Milestone Completion Date: 5/2/1994  
# Of Programs1: 1  
Total Assessment Amount: 35000  
Initial Assessed Amount: 0  
Liability \$ Amount: 35000  
Project \$ Amount: 0  
Liability \$ Paid: 35000  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 35000  
  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	236543
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Oral Communication
Effective Date:	04/17/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	4/27/2001
Termination Date:	04/17/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001
Description:	Verbal Discussion w/ VVWRA requested status of sample collection protocol and an evaluation of whether there was incomplete nitrification in secondary process increasing chlorine demand. 4/27/01 letter response indicated sample contamination was the cause.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	4/27/2001
# Of Programs1:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: Not reported  
Program Category1: Not reported  
Program Category2: NPDESWW  
# Of Programs: Not reported  
WDID: Not reported  
Reg Measure Id: Not reported  
Reg Measure Type: Not reported  
Region: Not reported  
Order #: Not reported  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Not reported  
Status Date: Not reported  
Effective Date: Not reported  
Expiration/Review Date: Not reported  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: Not reported  
Individual/General: Not reported  
Fee Code: Not reported  
Direction/Voice: Not reported  
Enforcement Id(EID): 235063  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Oral Communication  
Effective Date: 04/17/2001  
Adoption/Issuance Date: Not reported  
Achieve Date: 4/27/2001  
Termination Date: 04/17/2001  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B360109001  
Description: On 4-17-01 requested to show the disinfection process was working properly.  
Program: NPDmunilrg  
Latest Milestone Completion Date: 4/27/2001  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	341533
Region:	Not reported
Order / Resolution Number:	R6V-2008-0005
Enforcement Action Type:	Cease and Desist Order
Effective Date:	02/14/2008
Adoption/Issuance Date:	02/14/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Achieve Date:	Not reported
Termination Date:	06/19/2013
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	CDO-Victor Valley Waste Water Reclamation Authority
Description:	Not reported
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	361273
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	02/10/2009
Adoption/Issuance Date:	02/10/2009
Achieve Date:	Not reported
Termination Date:	02/10/2009
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	N.O.V./VICTOR VALLEY W.R.A. - 2/2/2009
Description:	N.O.V. requires a spill report by January 27, 2009.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	350747
Region:	Not reported
Order / Resolution Number:	R6V-2008-0004
Enforcement Action Type:	Notice of Violation
Effective Date:	01/24/2008
Adoption/Issuance Date:	01/24/2008
Achieve Date:	Not reported
Termination Date:	12/15/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV-Victor Valley WWRA 1-24-2008
Description:	NOV documents violation of chlorine residual effluent limits specified in NPDES permit. Also documents dischargers response. Identifies violation as subject to MMP. No compliance dates/milestones.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	356238
Region:	Not reported
Order / Resolution Number:	R6V-2008-0036
Enforcement Action Type:	Admin Civil Liability
Effective Date:	11/13/2008
Adoption/Issuance Date:	11/13/2008
Achieve Date:	Not reported
Termination Date:	10/11/2010
ACL Issuance Date:	08/18/2008
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACL-Victor Valley Waste Water Reclamation Authority-11-13-2008
Description:	Imposes total liability of \$324,000 (MMP). \$170,380 is cash payment to CAA and 153,620 is for a SEP (Supplemental Mojave River Characterization Study).
Program:	NPDESWW
Latest Milestone Completion Date:	9/24/2010
# Of Programs1:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Total Assessment Amount:	324000
Initial Assessed Amount:	0
Liability \$ Amount:	170380
Project \$ Amount:	0
Liability \$ Paid:	170380
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	324000
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	242071
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	04/24/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/02/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001
Description:	NOV issued putting VVWRA on notice to ensure effluent limits are met at all times and that one more non serious, effluent limit violation will result in a mandatory minimum penalty.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)

1000593610

SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	239665
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	13267 Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Effective Date: 06/27/2001  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 11/20/2013  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B360109001  
Description: A 13267 letter issued with monitoring requirements to comply with Cal Toxics Rule.  
Program: NPDmunilrg  
Latest Milestone Completion Date: 6/15/2002  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223390
Region:	Not reported
Order / Resolution Number:	95-083
Enforcement Action Type:	Admin Civil Liability
Effective Date:	08/15/1995
Adoption/Issuance Date:	Not reported
Achieve Date:	8/30/1995
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001
Description:	COMPLAINT NO 6-95-83/W OF H & MONEY DUE 8/23/95 \$7500 REC'D 8/30/95
Program:	NPDMUNILRG
Latest Milestone Completion Date:	8/30/1995
# Of Programs1:	1
Total Assessment Amount:	7500
Initial Assessed Amount:	0
Liability \$ Amount:	7500
Project \$ Amount:	0
Liability \$ Paid:	7500
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	7500
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: Not reported  
Program Category1: Not reported  
Program Category2: NPDESWW  
# Of Programs: Not reported  
WDID: Not reported  
Reg Measure Id: Not reported  
Reg Measure Type: Not reported  
Region: Not reported  
Order #: Not reported  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Not reported  
Status Date: Not reported  
Effective Date: Not reported  
Expiration/Review Date: Not reported  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	223382
Region:	Not reported
Order / Resolution Number:	96-046
Enforcement Action Type:	Cease and Desist Order
Effective Date:	07/11/1996
Adoption/Issuance Date:	Not reported
Achieve Date:	7/11/1996
Termination Date:	12/15/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 6B360109001
Description:	RESCISSIONS OF CDOs, 93-48 & 93-48A1
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	401109
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	05/20/2015
Adoption/Issuance Date:	05/20/2015
Achieve Date:	Not reported
Termination Date:	05/20/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Com 05/20/2015 for Victor Valley Wastewater Reclamation Authority
Description:	Called Discharger and explained that even though they have a TSO, they did violate the Board Order. The TSO keeps the MMPs from being applied.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	319984
Region:	Not reported
Order / Resolution Number:	R6V-2006-0055
Enforcement Action Type:	Admin Civil Liability
Effective Date:	11/09/2006
Adoption/Issuance Date:	11/09/2006
Achieve Date:	Not reported
Termination Date:	10/11/2010
ACL Issuance Date:	01/24/2006
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACL-VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Description:	Assesses \$500,000 liability for April 12, 2005 infiltration pond levy failure: \$117,869 cash payment to CAA, \$382,131 SEP - Mojave River Characterization Study
Program:	NPDESWW
Latest Milestone Completion Date:	9/24/2010
# Of Programs1:	1
Total Assessment Amount:	500000
Initial Assessed Amount:	500000
Liability \$ Amount:	117869
Project \$ Amount:	0
Liability \$ Paid:	117869
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	500000
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)

1000593610

SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	337359
Region:	Not reported
Order / Resolution Number:	R6V-1999-0058
Enforcement Action Type:	Notice of Violation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Effective Date: 11/14/2007  
Adoption/Issuance Date: 11/14/2007  
Achieve Date: Not reported  
Termination Date: 01/28/2011  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV VVWWRA - 6B360109001  
Description: The discharger exceeded the monthly TDS mass limit for several months between July 1, 2006 and Sept. 30, 2007. These occurrences meet the criteria for NPDES chronic violations under 40CFR123.45 Appendix A.  
Program: NPDESWW  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action  
Design Flow: Not reported  
Threat To Water Quality: Not reported  
Complexity: Not reported  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	337298
Region:	Not reported
Order / Resolution Number:	R6V-1999-0058
Enforcement Action Type:	Notice of Violation
Effective Date:	09/20/2006
Adoption/Issuance Date:	09/20/2006
Achieve Date:	Not reported
Termination Date:	01/28/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV-VVWA - 6B360109001
Description:	De-Chlorination equipment failure.
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	337293
Region:	Not reported
Order / Resolution Number:	R6V-1999-0058
Enforcement Action Type:	Oral Communication
Effective Date:	01/23/2006
Adoption/Issuance Date:	01/23/2006
Achieve Date:	Not reported
Termination Date:	01/28/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Verbal-Victor Valley Wastewater Reclamation
Description:	Contamination posting for VVWRA for 4-12-2005 discharge. Mojave River posted with warning signs morning of 1-24-2006
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	356992
Region:	Not reported
Order / Resolution Number:	R6V-2008-0005
Enforcement Action Type:	Notice of Violation
Effective Date:	07/30/2008
Adoption/Issuance Date:	07/30/2008
Achieve Date:	Not reported
Termination Date:	12/31/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV-VVWRA - VICTOR VALLEY WTP - (7-30-2008)
Description:	NOV requires timely submittal of CDO quarterly status reports.
Program:	NPDESWW

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Latest Milestone Completion Date: Not reported  
 # Of Programs1: 1  
 Total Assessment Amount: 0  
 Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Not reported  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Not reported  
 # Of Agencies: Not reported  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Enf Action  
 Design Flow: Not reported  
 Threat To Water Quality: Not reported  
 Complexity: Not reported  
 Pretreatment: Not reported  
 Facility Waste Type: Not reported  
 Facility Waste Type 2: Not reported  
 Facility Waste Type 3: Not reported  
 Facility Waste Type 4: Not reported  
 Program: Not reported  
 Program Category1: Not reported  
 Program Category2: NPDESWW  
 # Of Programs: Not reported  
 WDID: Not reported  
 Reg Measure Id: Not reported  
 Reg Measure Type: Not reported  
 Region: Not reported  
 Order #: Not reported  
 Npdes# CA#: Not reported  
 Major-Minor: Not reported  
 Npdes Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	356961
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	08/22/2008
Adoption/Issuance Date:	08/22/2008
Achieve Date:	Not reported
Termination Date:	09/25/2008
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV/VVWRA/MOJAVE RIVER (8-22-2008)
Description:	NOV requires plan to properly maintain disinfection system by 9-27-2008. (Plan was submitted 9-25-08)
Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER CS
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	631088
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Collection_System
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	SSO
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	339569
Region:	Not reported
Order / Resolution Number:	2006-0003-DWQ
Enforcement Action Type:	Notice of Violation

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Effective Date:	12/31/2007
Adoption/Issuance Date:	12/31/2007
Achieve Date:	Not reported
Termination Date:	01/28/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 12/31/2007 for Victor Valley WW Rec Authority
Description:	Approx. 49,500 gallons of untreated sewage overflowed from Manhole No. 11 of the Hesperia Interceptor
Program:	SSOMUNISML
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	377429
Region:	Not reported
Order / Resolution Number:	R6V-2011-0007
Enforcement Action Type:	13267 Letter
Effective Date:	01/14/2011
Adoption/Issuance Date:	01/14/2011
Achieve Date:	Not reported
Termination Date:	12/15/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Investigative Order VVWRA - January 14, 2011
Description:	An Investigative Order directing VVWRA to submit technical reports pertaining to investigation of a discharge of raw sewage associated with a pipeline breach on Dec 29, 2010.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	3/7/2011
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER CS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	631088
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Collection_System
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	Not reported
Place Longitude:	Not reported
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	SSO
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	377111
Region:	Not reported
Order / Resolution Number:	2006-0003-DWQ
Enforcement Action Type:	Notice of Violation
Effective Date:	12/22/2010
Adoption/Issuance Date:	12/22/2010
Achieve Date:	Not reported
Termination Date:	12/08/2015
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV 12/22/2010 for Victor Valley WW Rec Authority
Description:	On Dec 7, 2010 approx. 222,519 gallons of untreated sewage overflowed from Manhole No. 73 of the Hesperia Interceptor
Program:	SSOMUNISML
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported
Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	376959
Region:	Not reported
Order / Resolution Number:	NOT APPLICABLE
Enforcement Action Type:	Oral Communication
Effective Date:	12/20/2010
Adoption/Issuance Date:	12/20/2010
Achieve Date:	Not reported
Termination Date:	12/20/2010
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Oral Communication - 6B360109001
Description:	Called Gilbert Perez on 12/20/2010 involving failure to report lbs/day for Total Nitrate for Quarterly/Monthly September 2010 SMR and lbs/day for Total Nitrate and Total

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Ammonia for October 2010 SMR. He was aware and stated that he would fix the problem on subsequent SMRs. Also explained that the detection limits for Zinc, Dibenzo(a,h)anthracene, and Bis(2-ethylhexyl)phthalate shall be lowered to below Monthly Maximum Limits under Final Effluent Limitations in order to ensure compliance.

Program: NPDESWW  
 Latest Milestone Completion Date: Not reported  
 # Of Programs1: 1  
 Total Assessment Amount: 0  
 Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Not reported  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Not reported  
 # Of Agencies: Not reported  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Enf Action  
 Design Flow: Not reported  
 Threat To Water Quality: Not reported  
 Complexity: Not reported  
 Pretreatment: Not reported  
 Facility Waste Type: Not reported  
 Facility Waste Type 2: Not reported  
 Facility Waste Type 3: Not reported  
 Facility Waste Type 4: Not reported  
 Program: Not reported  
 Program Category1: Not reported  
 Program Category2: WDR  
 # Of Programs: Not reported  
 WDID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	378946
Region:	Not reported
Order / Resolution Number:	R6V-2011-0003
Enforcement Action Type:	Admin Civil Liability
Effective Date:	03/10/2011
Adoption/Issuance Date:	03/10/2011
Achieve Date:	Not reported
Termination Date:	04/25/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACL R6V-2011-0003 for Victor Valley Wastewater Reclamation Authority
Description:	Expedited Payment Notice requiring \$12,000 be paid to CAA within 10 days of receiving notice.
Program:	REC
Latest Milestone Completion Date:	4/25/2011
# Of Programs1:	1
Total Assessment Amount:	12000
Initial Assessed Amount:	0
Liability \$ Amount:	12000
Project \$ Amount:	0
Liability \$ Paid:	12000
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	12000
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270419
Agency Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Place Type:	Utility
Place Subtype:	Wastewater Treatment Facility
Facility Type:	Municipal/Domestic
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.618009
Place Longitude:	-117.357746
SIC Code 1:	4952
SIC Desc 1:	Sewerage Systems
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	22132
NAICS Desc 1:	Sewage Treatment Facilities
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Individual/General: Not reported  
Fee Code: Not reported  
Direction/Voice: Not reported  
Enforcement Id(EID): 375289  
Region: Not reported  
Order / Resolution Number: R6V-2010-0027  
Enforcement Action Type: Time Schedule Order  
Effective Date: 06/16/2010  
Adoption/Issuance Date: 06/16/2010  
Achieve Date: Not reported  
Termination Date: 04/25/2013  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: TSO-Victor Valley Wastewater Reclamation Authority-VVWRA WWTP  
6-16-2010  
Description: Requires submitting Compliance Plan 7-30-10, Pollution  
Prevention Plan 10-29-2010, quarterly status reports, and  
compliance with final eff limitations by 1-31-2013  
Program: NPDMUNILRG  
Latest Milestone Completion Date: 2/1/2013  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270419  
Agency Name: Not reported  
Place Type: Utility  
Place Subtype: Wastewater Treatment Facility  
Facility Type: Municipal/Domestic  
Agency Type: Not reported  
# Of Agencies: Not reported  
Place Latitude: 34.618009  
Place Longitude: -117.357746  
SIC Code 1: 4952  
SIC Desc 1: Sewerage Systems  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: 22132  
NAICS Desc 1: Sewage Treatment Facilities  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Enf Action

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	NPDESWW
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	396965
Region:	Not reported
Order / Resolution Number:	R6V-2014-0039
Enforcement Action Type:	Time Schedule Order
Effective Date:	05/29/2014
Adoption/Issuance Date:	05/29/2014
Achieve Date:	Not reported
Termination Date:	01/10/2017
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	TSO R6V-2014-0039 for Victor Valley Wastewater Reclamation Authority
Description:	The Executive Officer has signed a rescission letter to the TSO, Board Order No. R6V-2014-0039.
Program:	NPDMUNILRG
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Initial Assessed Amount: 0  
 Liability \$ Amount: 0  
 Project \$ Amount: 0  
 Liability \$ Paid: 0  
 Project \$ Completed: 0  
 Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
 Address: 20111 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Region: Not reported  
 Facility Id: 270419  
 Agency Name: Not reported  
 Place Type: Utility  
 Place Subtype: Wastewater Treatment Facility  
 Facility Type: Municipal/Domestic  
 Agency Type: Not reported  
 # Of Agencies: Not reported  
 Place Latitude: 34.618009  
 Place Longitude: -117.357746  
 SIC Code 1: 4952  
 SIC Desc 1: Sewerage Systems  
 SIC Code 2: Not reported  
 SIC Desc 2: Not reported  
 SIC Code 3: Not reported  
 SIC Desc 3: Not reported  
 NAICS Code 1: 22132  
 NAICS Desc 1: Sewage Treatment Facilities  
 NAICS Code 2: Not reported  
 NAICS Desc 2: Not reported  
 NAICS Code 3: Not reported  
 NAICS Desc 3: Not reported  
 # Of Places: 1  
 Source Of Facility: Enf Action  
 Design Flow: Not reported  
 Threat To Water Quality: Not reported  
 Complexity: Not reported  
 Pretreatment: Not reported  
 Facility Waste Type: Not reported  
 Facility Waste Type 2: Not reported  
 Facility Waste Type 3: Not reported  
 Facility Waste Type 4: Not reported  
 Program: Not reported  
 Program Category1: Not reported  
 Program Category2: NPDESWW  
 # Of Programs: Not reported  
 WDID: Not reported  
 Reg Measure Id: Not reported  
 Reg Measure Type: Not reported  
 Region: Not reported  
 Order #: Not reported  
 Npdes# CA#: Not reported  
 Major-Minor: Not reported  
 Npdes Type: Not reported  
 Reclamation: Not reported  
 Dredge Fill Fee: Not reported  
 301H: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Application Fee Amt Received: Not reported  
Status: Not reported  
Status Date: Not reported  
Effective Date: Not reported  
Expiration/Review Date: Not reported  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: Not reported  
Individual/General: Not reported  
Fee Code: Not reported  
Direction/Voice: Not reported  
Enforcement Id(EID): 386094  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Notice of Violation  
Effective Date: 07/10/2012  
Adoption/Issuance Date: 07/10/2012  
Achieve Date: Not reported  
Termination Date: 12/15/2015  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV 07/10/2012 for Victor Valley Wastewater Reclamation Authority  
Description: Discharger is requested to provide response to the NOV by 8/10/2012.  
Program: NPDMMUNILRG  
Latest Milestone Completion Date: 8/10/2012  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

**HIST CORTESE:**

edr\_fname: VICTOR VAL WASTEWATER FAC  
edr\_fadd1: 20111 SHAY  
City,State,Zip: VICTORVILLE, CA 92392  
Region: CORTESE  
Facility County Code: 36  
Reg By: LTNKA  
Reg Id: 6B3600487T

**NPDES:**

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Facility Status: Historical  
NPDES Number: CA0102822

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Region: 6B  
Agency Number: 49324  
Regulatory Measure ID: 389949  
Place ID: 270419  
Order Number: R6V-2013-0038  
WDID: 6B360109001  
Regulatory Measure Type: NPDES Permits  
Program Type: NPDMMUNILRG  
Adoption Date Of Regulatory Measure: 07/17/2013  
Effective Date Of Regulatory Measure: 09/05/2013  
Termination Date Of Regulatory Measure: 05/05/2020  
Expiration Date Of Regulatory Measure: 09/05/2018  
Discharge Address: 20111 Shay Road  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge City: Victorville  
Discharge State: CA  
Discharge Zip: 92394  
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: CA0102822  
Status: Active  
Agency Number: 49324  
Region: 6B  
Regulatory Measure ID: 389949  
Order Number: R6V-2013-0038  
Regulatory Measure Type: NPDES Permits  
Place ID: 270419  
WDID: 6B360109001  
Program Type: NPDMMUNILRG  
Adoption Date Of Regulatory Measure: 07/17/2013  
Effective Date Of Regulatory Measure: 09/05/2013  
Expiration Date Of Regulatory Measure: 09/05/2018  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge Address: 20111 Shay Road  
Discharge City: Victorville  
Discharge State: CA  
Discharge Zip: 92394  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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  
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: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Facility Status: Active  
NPDES Number: CA0102822  
Region: 6B  
Agency Number: 49324  
Regulatory Measure ID: 420359  
Place ID: 270419  
Order Number: R6V-2020-0028  
WDID: 6B360109001  
Regulatory Measure Type: NPDES Permits

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Program Type: NPDmunilrg  
Adoption Date Of Regulatory Measure: 05/06/2020  
Effective Date Of Regulatory Measure: 05/06/2020  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: 05/06/2025  
Discharge Address: 20111 Shay Road  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge City: Victorville  
Discharge State: CA  
Discharge Zip: 92394  
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: CA0102822  
Status: Active  
Agency Number: 49324  
Region: 6B  
Regulatory Measure ID: 389949  
Order Number: R6V-2013-0038  
Regulatory Measure Type: NPDES Permits  
Place ID: 270419  
WDID: 6B360109001  
Program Type: NPDmunilrg  
Adoption Date Of Regulatory Measure: 07/17/2013  
Effective Date Of Regulatory Measure: 09/05/2013  
Expiration Date Of Regulatory Measure: 09/05/2018  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge Address: 20111 Shay Road  
Discharge City: Victorville  
Discharge State: CA  
Discharge Zip: 92394  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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  
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: VVWRA SLUDGE LAGOON LINING PROJECT  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92345  
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: 6B36W002046  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Expired  
Status Date: 01/20/2022  
Operator Name: Victor Valley Wastewater Reclamation Authority  
Operator Address: 20111 Shay Road  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394

Name: WESTSIDE WATER RECLAMATION PLANT PHASE III  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
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: 6B36C360763  
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: 03/06/2017  
Operator Name: Victor Valley Wastewater Reclamation Authority  
Operator Address: 20111 Shay Road  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394

**NPDES as of 03/2018:**

NPDES Number: CAS000002  
Status: Terminated  
Agency Number: 0  
Region: 6B  
Regulatory Measure ID: 413313  
Order Number: 2009-0009-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 6B36C360763  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/08/2011  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: 06/08/2016  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge Address: 20111 Shay Road

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Discharge City:	Victorville
Discharge State:	California
Discharge Zip:	92394
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
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	6B
Regulatory Measure ID:	413313
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	6B36C360763
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:	06/08/2016
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	04/08/2011
Processed Date:	04/08/2011
Status:	Terminated
Status Date:	03/06/2017
Place Size:	3
Place Size Unit:	Acres
Contact:	Thomas Murray
Contact Title:	Project Manager
Contact Phone:	661-399-7005
Contact Phone Ext:	Not reported
Contact Email:	tmurray@sscconstruction.com
Operator Name:	Victor Valley Wastewater Reclamation Authority
Operator Address:	20111 Shay Road
Operator City:	Victorville
Operator State:	California
Operator Zip:	92394
Operator Contact:	Gilbert Perez
Operator Contact Title:	Director of Operations
Operator Contact Phone:	760-246-8638
Operator Contact Phone Ext:	282
Operator Contact Email:	gperez@vwra.com
Operator Type:	Government Agency Combination
Developer:	SSC Construction Inc
Developer Address:	2073 Railroad Street
Developer City:	Corona
Developer State:	California
Developer Zip:	92880
Developer Contact:	Thomas Murray
Developer Contact Title:	Project Manager
Constype Linear Utility Ind:	N
Emergency Phone:	951-588-9335
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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: Water Reclamation Plant Upgrades  
Constype Utility Ind: Y  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Mojave River  
Certifier: Logan Olds  
Certifier Title: Director of Operations  
Certification Date: 02-MAR-17  
Primary Sic: Not reported  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92345  
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: 6B361005756  
Regulatory Measure Type: Industrial  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 10/14/2015  
Operator Name: Victor Valley Wastewater Reclamation Authority  
Operator Address: 20111 Shay Rd  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394

NPDES as of 03/2018:  
NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 6B

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Regulatory Measure ID: 204746  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 6B36I005756  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 05/09/2008  
Processed Date: 04/07/1992  
Status: Active  
Status Date: 10/14/2015  
Place Size: 57  
Place Size Unit: Acres  
Contact: Logan Olds  
Contact Title: General Manager  
Contact Phone: 760-246-8638  
Contact Phone Ext: Not reported  
Contact Email: lolds@vwvra.com  
Operator Name: Victor Valley Wastewater Reclamation Authority  
Operator Address: 20111 Shay Rd  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394  
Operator Contact: Logan Olds  
Operator Contact Title: General Manager  
Operator Contact Phone: 760-246-2886  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: lolds@vwvra.com  
Operator Type: Other  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 760-246-8638  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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:	Y
Receiving Water Name:	Mojave River
Certifier:	Logan Olds
Certifier Title:	Environmental Compliance Supervisor
Certification Date:	16-OCT-15
Primary Sic:	4952-Sewerage Systems
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	204746
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B361005756
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/07/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Victor Valley Wastewater Reclamation Authority
Discharge Address:	20111 Shay Rd
Discharge City:	Victorville
Discharge State:	California
Discharge Zip:	92394
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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  
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: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92345  
Facility Status: Active  
NPDES Number: CAS000001  
Region: 6B  
Agency Number: 0  
Regulatory Measure ID: 204746  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 6B361005756  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/07/1992  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 20111 Shay Rd  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge City: Victorville  
Discharge State: California  
Discharge Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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: 6B  
Regulatory Measure ID: 204746  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 6B36I005756  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Not reported  
Discharge Address: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Received Date: 05/09/2008  
Processed Date: 04/07/1992  
Status: Active  
Status Date: 10/14/2015  
Place Size: 57  
Place Size Unit: Acres  
Contact: Logan Olds  
Contact Title: General Manager  
Contact Phone: 760-246-8638  
Contact Phone Ext: Not reported  
Contact Email: lolds@vwwra.com  
Operator Name: Victor Valley Wastewater Reclamation Authority  
Operator Address: 20111 Shay Rd  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394  
Operator Contact: Logan Olds  
Operator Contact Title: General Manager  
Operator Contact Phone: 760-246-2886  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: lolds@vwwra.com  
Operator Type: Other  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Emergency Phone: 760-246-8638  
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: Y  
Receiving Water Name: Mojave River  
Certifier: Logan Olds  
Certifier Title: Environmental Compliance Supervisor  
Certification Date: 16-OCT-15  
Primary Sic: 4952-Sewerage Systems  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 6B  
Regulatory Measure ID: 204746  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 6B361005756  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/07/1992  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Victor Valley Wastewater Reclamation Authority  
Discharge Address: 20111 Shay Rd  
Discharge City: Victorville  
Discharge State: California  
Discharge Zip: 92394  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

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  
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: VICTORVILLE RECLAIMED WATER POND 14  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

WDID: Not reported  
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: Returned  
Status Date: 11/05/2017  
Operator Name: City of Victorville  
Operator Address: PO Box 5001  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92393

San Bern. Co. Permit:

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: SAN BERNARDINO  
Facility ID: FA0007172  
Owner: Victor Valley Wastewater Reclamation Authority (VWVRA)  
Permit Number: PT0035483  
Permit Category: SMALL QUANTITY GENERATOR  
Facility Status: ACTIVE  
Expiration Date: 03/31/2022

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: SAN BERNARDINO  
Facility ID: FA0007172  
Owner: Victor Valley Wastewater Reclamation Authority (VWVRA)  
Permit Number: PT0035482  
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS  
Facility Status: ACTIVE  
Expiration Date: 03/31/2022

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: SAN BERNARDINO  
Facility ID: FA0007172  
Owner: Victor Valley Wastewater Reclamation Authority (VWVRA)  
Permit Number: PT0035484  
Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY  
Facility Status: ACTIVE  
Expiration Date: 03/31/2022

CIWQS:

Name: WESTSIDE WATER RECLAMATION PLANT PHASE III

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: Victor Valley Wastewater Reclamation Authority  
Agency Address: 20111 Shay Road, Victorville, CA 92394  
Place/Project Type: Construction - Utility: Water Reclamation Plant Upgrades  
SIC/NAICS: Not reported  
Region: 6V  
Program: CONSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water construction  
Order Number: 2009-0009-DWQ  
WDID: 6B36C360763  
NPDES Number: CAS000002  
Adoption Date: Not reported  
Effective Date: 04/08/2011  
Termination Date: 06/08/2016  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 34.61643  
Longitude: -117.35741

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92345  
Agency: Victor Valley Wastewater Reclamation Authority  
Agency Address: 20111 Shay Rd, Victorville, CA 92394  
Place/Project Type: Industrial - Sewerage Systems  
SIC/NAICS: 4952  
Region: 6V  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 6B36I005756  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 04/07/1992  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 1  
Violations within 5 years: 1  
Latitude: 34.61501  
Longitude: -117.35745

Name: VICTOR VALLEY WASTEWATER CS  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: Victor Valley Wastewater Reclamation Authority

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Agency Address: 20111 Shay Road, Victorville, CA 92394  
Place/Project Type: Collection\_System  
SIC/NAICS: Not reported  
Region: 6V  
Program: SSOMUNILRG, SSOMUNISML  
Regulatory Measure Status: Active  
Regulatory Measure Type: Enrollee  
Order Number: 2006-0003-DWQ  
WDID: 6SSO11169  
NPDES Number: Not reported  
Adoption Date: Not reported  
Effective Date: 05/24/2007  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: C  
TTWQ: 2  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: Not reported  
Longitude: Not reported

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: Victor Valley Wastewater Reclamation Authority  
Agency Address: 20111 Shay Road, Victorville, CA 92394  
Place/Project Type: Wastewater Treatment Facility  
SIC/NAICS: 4952  
Region: SB  
Program: NPDMUNILRG, REC, SLIC, WDRMUNILRG  
Regulatory Measure Status: Active  
Regulatory Measure Type: Co-Permittee  
Order Number: 2020-0015-DWQ  
WDID: 6B360109001  
NPDES Number: Not reported  
Adoption Date: Not reported  
Effective Date: 07/09/2020  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Major  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 6  
Violations within 5 years: 23  
Latitude: 34.618009  
Longitude: -117.357746

**CERS:**

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 169066  
CERS ID: 10403029  
CERS Description: Chemical Storage Facilities

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Violations:

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 10-09-2020  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
Violation Description: Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container. For mobile or portable containers, either provide the type of oil and storage capacity, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.  
Violation Notes: Returned to compliance on 10/15/2020. OBSERVATION: The SPCC fails to include both biogas buildings. (1) 275 gallon new oil and (1) 275 gallon used oil tanks at the biogas engine room were not reported. CORRECTIVE ACTION: Submit a signed statement indicating that the SPCC plan has been revised to address the type of oil and storage capacity of storage containers.  
Violation Division: San Bernardino County Fire Department  
Violation Program: APSA  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 02-25-2015  
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130  
Violation Description: Failure to properly handle, manage, label, and recycle used oil and fuel filters.  
Violation Notes: Returned to compliance on 02/25/2015.  
Violation Division: Victorville City Fire Department  
Violation Program: HW  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 10-26-2017  
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.  
Violation Notes: Returned to compliance on 12/04/2017.  
Violation Division: San Bernardino County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 10-26-2017  
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple  
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 12/04/2017. Failure to complete hazardous waste labels (CCR 66262.34(f)(3))  
Violation Division: San Bernardino County Fire Department  
Violation Program: HW  
Violation Source: CERS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 10-26-2017  
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 amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility's discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation."  
Violation Notes: Returned to compliance on 12/04/2017.  
Violation Division: San Bernardino County Fire Department  
Violation Program: APSA  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 02-25-2015  
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174  
Violation Description: Failure to inspect hazardous waste storage areas at least weekly.  
Violation Notes: Returned to compliance on 03/02/2015.  
Violation Division: Victorville City Fire Department  
Violation Program: HW  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 10-26-2017  
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple  
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 12/04/2017. Failure to note accumulation start date on labels (CCR 66262.34(f)(2))  
Violation Division: San Bernardino County Fire Department  
Violation Program: HW  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 10-26-2017  
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple  
Violation Description: Hazardous Waste Generator Program - Operations/Maintenance - General  
Violation Notes: Returned to compliance on 12/04/2017. Failure to determine if waste is hazardous waste (CCR 66262.11)  
Violation Division: San Bernardino County Fire Department  
Violation Program: HW  
Violation Source: CERS,

Site ID: 169066  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 02-25-2015  
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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Violation Notes: Returned to compliance on 03/01/2015.  
Violation Division: Victorville City Fire Department  
Violation Program: HMRRP  
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-25-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Cers not updated  
Eval Division: Victorville City Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-09-2020  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-09-2020  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: APSA  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-25-2015  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: label violations  
Eval Division: Victorville City Fire Department  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-26-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: APSA  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-09-2020  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Eval Program: HMRRP  
Eval Source: CERS,  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-26-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,  
  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-26-2017  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HW  
Eval Source: CERS,

**Affiliation:**

Affiliation Type Desc: Identification Signer  
Entity Name: David Wylie  
Entity Title: Safety/Communications Officer  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact  
Entity Name: Latif Laari  
Entity Title: Not reported  
Affiliation Address: 20111 Shay Road  
Affiliation City: Victorville  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92394  
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: 20111 Shay Road  
Affiliation City: Victorville  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92394  
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner  
Entity Name: Victor Valley Wastewater Reclamation Authority  
Entity Title: Not reported  
Affiliation Address: 20111 Shay Road  
Affiliation City: Victorville

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92394  
Affiliation Phone: (760) 246-8638,

Affiliation Type Desc: Property Owner  
Entity Name: Victor Valley Wastewater Reclamation Authority  
Entity Title: Not reported  
Affiliation Address: 20111 Shay Road  
Affiliation City: Victorville  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92394  
Affiliation Phone: (760) 246-8638,

Affiliation Type Desc: CUPA District  
Entity Name: San Bernardino County Fire  
Entity Title: Not reported  
Affiliation Address: 620 South E Street  
Affiliation City: San Bernardino  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92415-0153  
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Operator  
Entity Name: Victor Valley Wastewater Reclamation Authority  
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: (760) 246-8638,

Affiliation Type Desc: Document Preparer  
Entity Name: David Wylie  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation  
Entity Name: Victor Valley Wastewater Reclamation Authority  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394-8539  
Site ID: 503461  
CERS ID: 110000517637  
CERS Description: US EPA Air Emission Inventory System (EIS)

**Affiliation:**

Affiliation Type Desc: Environmental Contact  
Entity Name: DAN VILLANUEVA  
Entity Title: OPERATIONS SUPERVISOR  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Facility Owner  
Entity Name: VICTOR VALLEY WASTEWATER RECLAMATION ATHRTY  
Entity Title: OWNER  
Affiliation Address: 20111 SHAY ROAD  
Affiliation City: VICTORVILLE  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact  
Entity Name: GILBERT PEREZ  
Entity Title: DIRECTOR OF OPERATIONS  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact  
Entity Name: JOME NAVARAT  
Entity Title: EH&S, REG. COMPLIANCE SUPERVISOR  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Property Owner  
Entity Name: VICTOR VLY WSTWTR RECLAMATION ATHRTY  
Entity Title: Not reported  
Affiliation Address: 20111 SHAY ROAD  
Affiliation City: VICTORVILLE  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Entity Name: GINA CLOUTIER  
Entity Title: ENVIRONMENTAL CONTACT  
Affiliation Address: 20111 SHAY ROAD  
Affiliation City: VICTORVILLE  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact  
Entity Name: LORENZO RODRIGUEZ  
Entity Title: Not reported  
Affiliation Address: 20111 SHAY ROAD  
Affiliation City: VICTORVILLE  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Operator  
Entity Name: LOGAN OLDS  
Entity Title: OPERATOR  
Affiliation Address: 20111 SHAY ROAD  
Affiliation City: VICTORVILLE  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Name: SOCALE BIOMETHANE, LLC  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 611787  
CERS ID: 10896106  
CERS Description: Chemical Storage Facilities

Coordinates:  
Site ID: 611787  
Facility Name: SoCale Biomethane, LLC  
Env Int Type Code: HMBP  
Program ID: 10896106  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.,  
Latitude: 34.616130  
Longitude: -117.358900

Affiliation:  
Affiliation Type Desc: Parent Corporation  
Entity Name: SoCale Biomethane, 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: ,

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Affiliation Type Desc: CUPA District  
Entity Name: San Bernardino County Fire  
Entity Title: Not reported  
Affiliation Address: 620 South E Street  
Affiliation City: San Bernardino  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92415-0153  
Affiliation Phone: (909) 386-8401,

Name: VICTOR VAL WASTEWATER FACILITY  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92392  
Site ID: 246825  
CERS ID: T0607100790  
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:  
Affiliation Type Desc: Local Agency Caseworker  
Entity Name: CURTIS BRUNDAGE - SAN BERNARDINO COUNTY  
Entity Title: Not reported  
Affiliation Address: 620 S. E STREET  
Affiliation City: SAN BERNARDINO  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker  
Entity Name: JEHIEL CASS - LAHONTAN RWQCB (REGION 6V)  
Entity Title: Not reported  
Affiliation Address: 15095 Armagosa Road, Building 2, Suite 210  
Affiliation City: VICTORVILLE  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: 7602412434,

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92345  
Site ID: 546034  
CERS ID: 270422  
CERS Description: Industrial Facility Storm Water

Violations:  
Site ID: 546034  
Site Name: Victor Valley Wastewater Reclamation Authority  
Violation Date: 07-15-2020  
Citation: 2014-0057-DWQ - Industrial General Permit  
Violation Description: SW - Deficient Report  
Violation Notes: Discharger failed to submit 2019-2020 Annual Report, that must include a certification that there have been no changes to the Level 2 Status ERA. Discharger notified via inspection report to submit this report as soon as possible but no later than June 30, 2021  
Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Violation Program: INDSTW  
Violation Source: SMARTS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-21-2013  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: The purpose of the inspection was to conduct an annual compliance inspection of the Industrial Storm water measures implemented at the facility to protect against storm water run-off. The discharger was in compliance and no violations were found.

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: Discharger to submit 2019-2020 Annual Report and update their SWPPP.  
Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-07-2019  
Violations Found: No  
Eval Type: Industrial Storm Water Compliance Evaluation  
Eval Notes: Water Board staff (Staff) met with Eugene Davis (O&M Manager) and Brad Adams (Lead Operator) at the Administration Building at 8:00 am. The purposes of the inspection were to observe compliance with State Board Order No. 2014-0057-DWQ and to identify the locations of each storm drain catch basin and stormwater sampling. Staff observed that the facility is well maintained, storm drains contain bar or grid screens, and some grates are protected with sand bags. During the inspection, no violations were observed. Recommendations Update the facility perimeter map including the south pond area. Update the stormwater sampling location. Update the stormwater collection system maps without overlapping. Frequently remove materials that block storm runoff in the ditch in a raining season.

Eval Division: Water Boards  
Eval Program: INDSTW  
Eval Source: SMARTS,

Enforcement Action:

Site ID: 546034  
Site Name: Victor Valley Wastewater Reclamation Authority  
Site Address: 20111 SHAY ROAD  
Site City: VICTORVILLE  
Site Zip: 92345  
Enf Action Date: 03-12-2021  
Enf Action Type: Staff Enforcement Letter  
Enf Action Description: Staff Enforcement Letter  
Enf Action Notes: Discharger notified via inspection report to submit this report as soon as possible but no later than June 30, 2021

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1000593610**

Enf Action Division: Water Boards  
 Enf Action Program: INDSTW  
 Enf Action Source: SMARTS,

**Affiliation:**

Affiliation Type Desc: Owner/Operator  
 Entity Name: Victor Valley Wastewater Reclamation Authority  
 Entity Title: Operator  
 Affiliation Address: 20111 Shay Rd  
 Affiliation City: Victorville  
 Affiliation State: CA  
 Affiliation Country: Not reported  
 Affiliation Zip: 92394  
 Affiliation Phone: ,

**A4  
 Target  
 Property**

**VICTORVILLE WASTE WATER RECLAMATION AUTHORITY  
 20111 SHAY RD  
 VICTORVILLE, CA 92394**

**HAULERS S127799597  
 N/A**

**Site 4 of 30 in cluster A**

**Actual:  
 2663 ft.**

**HAULERS:**  
 Name: VICTORVILLE WASTE WATER RECLAMATION AUTHORITY  
 Address: 20111 SHAY RD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Facility ID: 1833556  
 Facility Phone: (760) 246-8638  
 Business Email Address: dwylie@vwwra.com  
 Contact Person: David Wylie  
 Mailing Address: 20111 Shay Rd  
 Mailing City: Victorville  
 Mailing State: CA  
 Mailing Zip: 92394  
 Mailing County: San Bernardino  
 Mailing Phone: Not reported  
 Current Status: Active  
 Current Hauler Status: Not reported  
 Accepting Tires From Public: Not reported  
 Regulatory Status Last Changed: Not reported  
 Business Types: Not reported

**A5  
 Target  
 Property**

**VICTOR VALLEY WASTE WATER RA  
 20111 SHAY RD EXTENSION  
 VICTORVILLE, CA 92394**

**HAZNET S113163774  
 HWTS N/A**

**Site 5 of 30 in cluster A**

**Actual:  
 2663 ft.**

**HAZNET:**  
 Name: VICTOR VALLEY WASTE WATER RA  
 Address: 20111 SHAY RD EXTENSION  
 Address 2: Not reported  
 City,State,Zip: VICTORVILLE, CA 92394  
 Contact: DAVID WYLIE  
 Telephone: 7602468638  
 Mailing Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Mailing Address:	20111 SHAY RD
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	ARD981057870
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.15750
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	ARD981057870
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	19.49500
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	ARD981057870
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.03000
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	ARD981057870
CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00500
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	AZD081705402
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.01750
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	CAT080025711
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00000
Year:	2019
Gepaid:	CAL912693193
TSD EPA ID:	CAT000613976
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10425
Year:	2019
Gepaid:	CAL912693193

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSD EPA ID: ARD981057870  
CA Waste Code: 135 - Unspecified aqueous solution  
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.78000

Year: 2019  
Gepaid: CAL912693193  
TSD EPA ID: ARD981057870  
CA Waste Code: 791 - Liquids with pH <= 2  
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.07500

Year: 2018  
Gepaid: CAL912693193  
TSD EPA ID: ARD981057870  
CA Waste Code: 135 - Unspecified aqueous solution  
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.36000

[Click this hyperlink](#) while viewing on your computer to access  
118 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2002  
Gen EPA ID: CAL912693193

Shipment Date: 20020422  
Creation Date: 1/14/2003 18:31:21  
Receipt Date: 20020430  
Manifest ID: 21362650  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080033681  
Trans Name: Not reported  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.2  
Waste Quantity: 400  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2005  
Gen EPA ID: CAL912693193

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Shipment Date: 20050705  
Creation Date: 10/12/2005 18:35:03  
Receipt Date: 20050728  
Manifest ID: 21640701  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC  
Trans 2 EPA ID: AZD982403586  
Trans 2 Name: ENGLUND EQUIP  
TSDf EPA ID: IND093219012  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D002  
Meth Code: \*\*\* - Invalid Code  
Quantity Tons: 0.1725  
Waste Quantity: 345  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20050127  
Creation Date: 3/2/2007 18:30:13  
Receipt Date: 20050127  
Manifest ID: 24008528  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: DEMENNO / KERDOON  
TSDf Alt EPA ID: CAT080013352  
TSDf Alt Name: Not reported  
Waste Code Description: 135 - Unspecified aqueous solution  
RCRA Code: NONE  
Meth Code: - Not reported  
Quantity Tons: 1.47  
Waste Quantity: 350  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2012  
Gen EPA ID: CAL912693193

Shipment Date: 20121218  
Creation Date: 3/4/2013 22:15:14  
Receipt Date: 20121218  
Manifest ID: 010164388JJK  
Trans EPA ID: CAD028277036

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.76
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	7/9/2013 22:15:05
Receipt Date:	20121217
Manifest ID:	004694168FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D035
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.01668
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20121217
Manifest ID:	004694170FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121212  
Creation Date: 5/8/2013 22:15:17  
Receipt Date: 20121217  
Manifest ID: 004694169FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.68805  
Waste Quantity: 165  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121212  
Creation Date: 5/8/2013 22:15:17  
Receipt Date: 20121217  
Manifest ID: 004694169FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 181 - Other inorganic solid waste Organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0005  
Waste Quantity: 1  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20121217
Manifest ID:	004694169FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0033
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	5/8/2013 22:15:17
Receipt Date:	20121217
Manifest ID:	004694169FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.363
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121212
Creation Date:	7/9/2013 22:15:05
Receipt Date:	20121217
Manifest ID:	004694168FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTE WATER RA (Continued)

S113163774

Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: Not reported  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121212  
Creation Date: 5/8/2013 22:15:17  
Receipt Date: 20121217  
Manifest ID: 004694170FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: Not reported  
Waste Quantity: Not reported  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20121212  
Creation Date: 7/9/2013 22:15:05  
Receipt Date: 20121217  
Manifest ID: 004694168FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Tons: 0.1815  
Waste Quantity: 55  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 1998  
Gen EPA ID: CAL912693193

Shipment Date: 19980213  
Creation Date: 5/8/1998 0:00:00  
Receipt Date: 19980220  
Manifest ID: 97250019  
Trans EPA ID: CAT080016116  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080013352  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 1.14  
Waste Quantity: 300  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2000  
Gen EPA ID: CAL912693193

Shipment Date: 20000518  
Creation Date: 8/1/2000 0:00:00  
Receipt Date: 20000523  
Manifest ID: 20232429  
Trans EPA ID: CAD982403198  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000419
Creation Date:	6/21/2000 0:00:00
Receipt Date:	20000419
Manifest ID:	99616320
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080013352
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080013352
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.89
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000223
Creation Date:	5/17/2000 0:00:00
Receipt Date:	20000229
Manifest ID:	99626733
Trans EPA ID:	CAD982403198
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080033681
Trans Name:	Not reported
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTE WATER RA (Continued)

S113163774

Additional Info:

Year:	2011
Gen EPA ID:	CAL912693193
Shipment Date:	20111222
Creation Date:	5/24/2012 20:30:15
Receipt Date:	20111228
Manifest ID:	004684770FLE
Trans EPA ID:	OKD981588791
Trans Name:	TRIAD TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	123 - Unspecified alkaline solution
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.47955
Waste Quantity:	115
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111222
Creation Date:	5/24/2012 20:30:15
Receipt Date:	20111228
Manifest ID:	004684770FLE
Trans EPA ID:	OKD981588791
Trans Name:	TRIAD TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111216
Creation Date:	4/30/2012 20:30:14
Receipt Date:	20111226
Manifest ID:	004684708FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	3
Waste Quantity:	6000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	4/11/2012 20:30:30
Receipt Date:	20111014
Manifest ID:	002707901SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111014
Creation Date:	3/26/2012 20:30:13
Receipt Date:	20111020
Manifest ID:	002707902SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.02502  
Waste Quantity: 6  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20111014  
Creation Date: 3/26/2012 20:30:13  
Receipt Date: 20111025  
Manifest ID: 002973565SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: OKD981588791  
Trans 2 Name: TRIAD TRANSPORT  
TSDf EPA ID: NVT330010000  
Trans Name: US ECOLOGY NEVADA  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.075  
Waste Quantity: 150  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20111006  
Creation Date: 12/20/2011 18:30:31  
Receipt Date: 20111007  
Manifest ID: 008029061JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.9  
Waste Quantity: 500  
Quantity Unit: G

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110902
Creation Date:	12/3/2012 22:15:48
Receipt Date:	20110930
Manifest ID:	000344334WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110727
Creation Date:	2/15/2012 15:53:11
Receipt Date:	20110802
Manifest ID:	002822861SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02919
Waste Quantity:	7
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110727
Creation Date:	2/15/2012 15:53:27

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Receipt Date: 20110727  
Manifest ID: 002822862SKS  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613927  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.126  
Waste Quantity: 30  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2009  
Gen EPA ID: CAL912693193

Shipment Date: 20091008  
Creation Date: 11/25/2009 18:30:38  
Receipt Date: 20091009  
Manifest ID: 006104077JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.285  
Waste Quantity: 75  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090714  
Creation Date: 8/20/2009 18:30:09  
Receipt Date: 20090715  
Manifest ID: 004549952JJK  
Trans EPA ID: CAD028277036

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.988
Waste Quantity:	260
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090702
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090706
Manifest ID:	002905102FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090702
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090706
Manifest ID:	002905102FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.033  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090702  
Creation Date: 11/3/2009 18:30:20  
Receipt Date: 20090706  
Manifest ID: 002905103FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 512 - Other empty containers 30 gallons or more  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.01  
Waste Quantity: 20  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090702  
Creation Date: 11/3/2009 18:30:20  
Receipt Date: 20090706  
Manifest ID: 002905102FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: D001  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.066  
Waste Quantity: 20  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 5:	Not reported
Shipment Date:	20090702
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090706
Manifest ID:	002905102FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090702
Creation Date:	11/3/2009 18:30:20
Receipt Date:	20090706
Manifest ID:	002905103FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.033
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	11/25/2009 18:30:08
Receipt Date:	20090707
Manifest ID:	000245764WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans 2 Name: Not reported  
TSDf EPA ID: IND093219012  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D011  
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Quantity Tons: 0.0425  
Waste Quantity: 85  
Quantity Unit: P  
Additional Code 1: D009  
Additional Code 2: D007  
Additional Code 3: D002  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20090407  
Creation Date: 5/23/2009 18:30:08  
Receipt Date: 20090408  
Manifest ID: 004549951JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.14  
Waste Quantity: 300  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 1993  
Gen EPA ID: CAL912693193  
  
Shipment Date: 19930304  
Creation Date: 9/7/1995 0:00:00  
Receipt Date: 19930310  
Manifest ID: 92317997  
Trans EPA ID: CAT080029770  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD981696420  
Trans Name: Not reported  
TSDf Alt EPA ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDF Alt Name: Not reported  
Waste Code Description: 222 - Oil/water separation sludge  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 0.8882  
Waste Quantity: 213  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2017  
Gen EPA ID: CAL912693193

Shipment Date: 20171017  
Creation Date: 5/30/2018 18:33:39  
Receipt Date: 20171017  
Manifest ID: 017730529JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 2.7588  
Waste Quantity: 726  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20171016  
Creation Date: 7/10/2018 18:30:24  
Receipt Date: 20171024  
Manifest ID: 006347771SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171005
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20171015
Manifest ID:	010973903FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.26
Waste Quantity:	520
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171005
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	010973903FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 5:	Not reported
Shipment Date:	20171005
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20171015
Manifest ID:	010973903FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.09
Waste Quantity:	180
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171005
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20171015
Manifest ID:	010973903FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171005
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20171015
Manifest ID:	010973903FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 141 - Off-specification, aged, or surplus inorganics  
RCRA Code: D018  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.255  
Waste Quantity: 510  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170711  
Creation Date: 5/21/2018 18:33:32  
Receipt Date: 20170712  
Manifest ID: 017445711JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.407  
Waste Quantity: 335  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170711  
Creation Date: 5/21/2018 18:33:32  
Receipt Date: 20170711  
Manifest ID: 017448825JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.494
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170411
Creation Date:	5/12/2018 18:30:23
Receipt Date:	20170430
Manifest ID:	009817459FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDf EPA ID:	ARD069748192
Trans Name:	CLEAN HARBORS EL DORADO LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2016
Gen EPA ID:	CAL912693193
Shipment Date:	20151223
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151223
Manifest ID:	012408178JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.76
Waste Quantity:	200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151223
Creation Date:	5/24/2016 16:38:02
Receipt Date:	20151223
Manifest ID:	014623793JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.84
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151015
Creation Date:	12/22/2015 22:15:38
Receipt Date:	20151015
Manifest ID:	015163118JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.444
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Shipment Date: 20151001  
Creation Date: 3/22/2016 22:15:58  
Receipt Date: 20151010  
Manifest ID: 008929480FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: D018  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.03  
Waste Quantity: 60  
Quantity Unit: P  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151001  
Creation Date: 3/22/2016 22:15:58  
Receipt Date: 20151010  
Manifest ID: 008929480FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals  
RCRA Code: D002  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.2502  
Waste Quantity: 60  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151001  
Creation Date: 3/22/2016 22:15:58  
Receipt Date: 20151010  
Manifest ID: 008929480FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDF EPA ID: ARD981057870  
Trans Name: RINECO  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.4587  
Waste Quantity: 110  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20150930  
Creation Date: 2/26/2016 22:15:47  
Receipt Date: 20151005  
Manifest ID: 005077773SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20150918  
Creation Date: 11/17/2015 22:15:24  
Receipt Date: 20150918  
Manifest ID: 014623792JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Tons: 1.52  
Waste Quantity: 400  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20150902  
Creation Date: 2/26/2016 22:15:15  
Receipt Date: 20150910  
Manifest ID: 000589987WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D011  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.175  
Waste Quantity: 350  
Quantity Unit: P  
Additional Code 1: D009  
Additional Code 2: D007  
Additional Code 3: D002  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20150709  
Creation Date: 2/4/2016 22:15:46  
Receipt Date: 20150716  
Manifest ID: 004953990SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.10425  
Waste Quantity: 25  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 5:	Not reported
Additional Info:	
Year:	1994
Gen EPA ID:	CAL912693193
Shipment Date:	19941207
Creation Date:	10/19/1995 0:00:00
Receipt Date:	19941207
Manifest ID:	93483155
Trans EPA ID:	CAT080011059
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080011059
Trans Name:	Not reported
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2008
Gen EPA ID:	CAL912693193
Shipment Date:	20081029
Creation Date:	4/8/2009 18:30:30
Receipt Date:	20081124
Manifest ID:	000208798WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 5:	Not reported
Shipment Date:	20081014
Creation Date:	12/11/2008 18:30:37
Receipt Date:	20081015
Manifest ID:	004549949JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080715
Creation Date:	9/10/2008 18:30:08
Receipt Date:	20080717
Manifest ID:	004549962JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.684
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080605
Creation Date:	8/8/2008 18:30:08
Receipt Date:	20080606
Manifest ID:	004549948JJK
Trans EPA ID:	CAD028277036

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.444
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080416
Creation Date:	6/9/2008 18:30:18
Receipt Date:	20080416
Manifest ID:	004545098JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	2.28
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080409
Creation Date:	9/4/2008 18:30:17
Receipt Date:	20080429
Manifest ID:	000174965WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Waste Code Description: 792 - Not reported  
RCRA Code: D011  
Meth Code: H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect  
Quantity Tons: 0.055  
Waste Quantity: 110  
Quantity Unit: P  
Additional Code 1: D009  
Additional Code 2: D007  
Additional Code 3: D002  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20080312  
Creation Date: 5/5/2008 18:30:30  
Receipt Date: 20080313  
Manifest ID: 003556663JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 1.9  
Waste Quantity: 500  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20080205  
Creation Date: 7/22/2008 18:30:23  
Receipt Date: 20080210  
Manifest ID: 001609706FLE  
Trans EPA ID: OKD981588791  
Trans Name: TRIAD TRANSPORT INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: CAL912693193  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2007  
Gen EPA ID: CAL912693193

Shipment Date: 20071211  
Creation Date: 5/21/2008 18:30:21  
Receipt Date: 20071215  
Manifest ID: 001606027FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 15.84  
Waste Quantity: 4800  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071211  
Creation Date: 5/21/2008 18:30:21  
Receipt Date: 20071215  
Manifest ID: 001606027FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 11.88  
Waste Quantity: 3600  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20071119

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Creation Date: 2/29/2008 18:30:58  
Receipt Date: 20071119  
Manifest ID: 002552183JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 1.71  
Waste Quantity: 450  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071016  
Creation Date: 2/4/2008 18:30:32  
Receipt Date: 20071018  
Manifest ID: 000508496JJK  
Trans EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.275  
Waste Quantity: 550  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071016  
Creation Date: 2/4/2008 18:30:32  
Receipt Date: 20071018  
Manifest ID: 000508496JJK  
Trans EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDF EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 512 - Other empty containers 30 gallons or more  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.08  
Waste Quantity: 160  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071016  
Creation Date: 2/4/2008 18:30:32  
Receipt Date: 20071018  
Manifest ID: 000508496JJK  
Trans EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 1.375  
Waste Quantity: 2750  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20071016  
Creation Date: Not reported  
Receipt Date: Not reported  
Manifest ID: 000508496JJK  
Trans EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD008364432  
Trans Name: RHO CHEM CORPORATION  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D002  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTE WATER RA (Continued)

S113163774

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 0.045
Waste Quantity:	90
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071001
Creation Date:	7/16/2008 18:30:34
Receipt Date:	20071122
Manifest ID:	000142877WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.055
Waste Quantity:	110
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070817
Creation Date:	11/5/2007 18:30:51
Receipt Date:	20070830
Manifest ID:	003185128JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	SIEMENS WATER TECHNOLOGIES CORP
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 5:	Not reported
Shipment Date:	20070815
Creation Date:	11/5/2007 18:30:58
Receipt Date:	20070815
Manifest ID:	002552182JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.52
Waste Quantity:	400
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2014
Gen EPA ID:	CAL912693193
Shipment Date:	20141212
Creation Date:	6/25/2015 22:15:19
Receipt Date:	20141223
Manifest ID:	000626180WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC-TS SIGNAL HILL
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SALT RIVER EXTRACTION LLC
TSDf EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141126

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Creation Date:	2/13/2015 22:15:23
Receipt Date:	20141126
Manifest ID:	013747892JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141027
Creation Date:	3/23/2015 22:15:20
Receipt Date:	20141031
Manifest ID:	004655554SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141027
Creation Date:	2/7/2015 22:15:11
Receipt Date:	20141118
Manifest ID:	004534845SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENV SERVICES

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141014
Creation Date:	12/29/2014 22:15:00
Receipt Date:	20141014
Manifest ID:	013754469JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140930
Creation Date:	2/13/2015 22:15:06
Receipt Date:	20141006
Manifest ID:	007156807FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	ARD981057870
Trans Name:	RINECO
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140930
Creation Date:	2/13/2015 22:15:06
Receipt Date:	20141006
Manifest ID:	007156807FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140930
Creation Date:	2/13/2015 22:15:06
Receipt Date:	20141006
Manifest ID:	007156807FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 5:	Not reported
Shipment Date:	20140930
Creation Date:	7/7/2015 8:50:18
Receipt Date:	20141006
Manifest ID:	007156675FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140930
Creation Date:	7/7/2015 8:50:18
Receipt Date:	20141006
Manifest ID:	007156675FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2010
Gen EPA ID:	CAL912693193
Shipment Date:	20101109
Creation Date:	2/15/2012 15:51:18
Receipt Date:	20101109

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

VICTOR VALLEY WASTE WATER RA (Continued)

S113163774

Manifest ID: 003661077FLE  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613927  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.168  
Waste Quantity: 40  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20101109  
Creation Date: 2/15/2012 15:51:33  
Receipt Date: 20101118  
Manifest ID: 003661078FLE  
Trans EPA ID: TXR000050930  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.03336  
Waste Quantity: 8  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
Shipment Date: 20101011  
Creation Date: 1/3/2011 18:30:25  
Receipt Date: 20101012  
Manifest ID: 007097821JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.63
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101006
Creation Date:	1/3/2011 18:30:09
Receipt Date:	20101007
Manifest ID:	006509643JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.76
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100817
Creation Date:	2/15/2012 15:50:37
Receipt Date:	20100830
Manifest ID:	002470423SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDf EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100817
Creation Date:	2/15/2012 15:51:03
Receipt Date:	20100827
Manifest ID:	003746180FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D040
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	D039
Additional Code 2:	D018
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100816
Creation Date:	2/15/2012 15:50:21
Receipt Date:	20100824
Manifest ID:	000350617CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Shipment Date:	20100816
Creation Date:	2/15/2012 15:50:08
Receipt Date:	20100816
Manifest ID:	000350616CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613927
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.252
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100720
Creation Date:	1/26/2011 18:30:24
Receipt Date:	20100820
Manifest ID:	000340571WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0425
Waste Quantity:	85
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100714
Creation Date:	9/10/2010 18:31:02
Receipt Date:	20100714
Manifest ID:	007089669JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDF EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 1.9  
Waste Quantity: 500  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2003  
Gen EPA ID: CAL912693193

Shipment Date: 20030324  
Creation Date: 6/22/2003 18:31:48  
Receipt Date: 20030331  
Manifest ID: 22460627  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080033681  
Trans Name: Not reported  
TSDF Alt EPA ID: CAT080033681  
TSDF Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2013  
Gen EPA ID: CAL912693193

Shipment Date: 20131230  
Creation Date: 2/24/2014 22:15:07  
Receipt Date: 20131230  
Manifest ID: 010164389JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.14
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131216
Creation Date:	5/17/2014 22:15:09
Receipt Date:	20131226
Manifest ID:	000559718WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC-TS SIGNAL HILL
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SRE TRANSPORTATION
TSDf EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131108
Creation Date:	4/24/2014 22:14:56
Receipt Date:	20131120
Manifest ID:	003939065SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	AZR000508515
Trans 2 Name:	SLT
TSDf EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As  
Landfill( To Include On-Site Treatment And/Or Stabilization)  
Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130927  
Creation Date: 11/4/2013 22:15:04  
Receipt Date: 20130927  
Manifest ID: 010164391JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 1.71  
Waste Quantity: 450  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130913  
Creation Date: 1/28/2014 22:15:31  
Receipt Date: 20130926  
Manifest ID: 000389665WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: AZR000512343  
Trans 2 Name: SRE TRANSPORTATION  
TSDf EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: D011  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.0375  
Waste Quantity: 75  
Quantity Unit: P  
Additional Code 1: D009  
Additional Code 2: D007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130913
Creation Date:	1/28/2014 22:15:31
Receipt Date:	20130926
Manifest ID:	000389665WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC-TS SIGNAL HILL
Trans 2 EPA ID:	AZR000512343
Trans 2 Name:	SRE TRANSPORTATION
TSDf EPA ID:	AZD081705402
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130822
Creation Date:	1/11/2014 22:15:06
Receipt Date:	20130825
Manifest ID:	006008913FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.24
Waste Quantity:	480
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130822
Creation Date:	6/29/2015 16:14:02
Receipt Date:	20130825
Manifest ID:	006008914FLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0  
Waste Quantity: 0  
Quantity Unit: 0  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130822  
Creation Date: 1/11/2014 22:15:06  
Receipt Date: 20130825  
Manifest ID: 006008913FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 331 - Off-specification, aged, or surplus organics  
RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.105  
Waste Quantity: 210  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130822  
Creation Date: 1/11/2014 22:15:06  
Receipt Date: 20130825  
Manifest ID: 006008913FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

RCRA Code: Not reported  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.26  
Waste Quantity: 520  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2015  
Gen EPA ID: CAL912693193

Shipment Date: 20151223  
Creation Date: 5/24/2016 16:38:02  
Receipt Date: 20151223  
Manifest ID: 012408178JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.76  
Waste Quantity: 200  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151223  
Creation Date: 5/24/2016 16:38:02  
Receipt Date: 20151223  
Manifest ID: 014623793JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 134 - Aqueous solution with <10% total organic residues  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.84

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151015
Creation Date:	12/22/2015 22:15:38
Receipt Date:	20151015
Manifest ID:	015163118JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.444
Waste Quantity:	380
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151001
Creation Date:	3/22/2016 22:15:58
Receipt Date:	20151010
Manifest ID:	008929480FLE
Trans EPA ID:	NJD986607380
Trans Name:	MAUMEE EXPRESS INC
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDf EPA ID:	ARD981057870
Trans Name:	RINECO
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.4587
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Shipment Date: 20151001  
Creation Date: 3/22/2016 22:15:58  
Receipt Date: 20151010  
Manifest ID: 008929480FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: D018  
Meth Code: H061 - Fuel Blending Prior To Energy Recovery At Another Site  
Quantity Tons: 0.03  
Waste Quantity: 60  
Quantity Unit: P  
Additional Code 1: D001  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20151001  
Creation Date: 3/22/2016 22:15:58  
Receipt Date: 20151010  
Manifest ID: 008929480FLE  
Trans EPA ID: NJD986607380  
Trans Name: MAUMEE EXPRESS INC  
Trans 2 EPA ID: ALR000007237  
Trans 2 Name: ACTION RESOURCES  
TSDf EPA ID: ARD981057870  
Trans Name: RINECO  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals  
RCRA Code: D002  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.2502  
Waste Quantity: 60  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20150930  
Creation Date: 2/26/2016 22:15:47  
Receipt Date: 20151005  
Manifest ID: 005077773SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

TSDF EPA ID: CAT000613976  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.  
RCRA Code: D039  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.0417  
Waste Quantity: 10  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20150918  
Creation Date: 11/17/2015 22:15:24  
Receipt Date: 20150918  
Manifest ID: 014623792JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 1.52  
Waste Quantity: 400  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20150902  
Creation Date: 2/26/2016 22:15:15  
Receipt Date: 20150910  
Manifest ID: 000589987WAS  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC-TS SIGNAL HILL  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: AZD081705402  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 792 - Not reported  
RCRA Code: D011  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Tons:	Treatment/Reovery (H010-H129) Or (H131-H135) 0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150709
Creation Date:	2/4/2016 22:15:46
Receipt Date:	20150716
Manifest ID:	004953990SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT000613976
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Additional Info:	
Year:	2004
Gen EPA ID:	CAL912693193
Shipment Date:	20041103
Creation Date:	2/17/2005 18:32:22
Receipt Date:	20041111
Manifest ID:	24025551
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDf Alt EPA ID:	CAT080033681
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	NONE
Meth Code:	R01 - Recycler
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20040330  
Creation Date: 11/13/2004 18:30:21  
Receipt Date: 20040511  
Manifest ID: 98814460  
Trans EPA ID: IND058484114  
Trans Name: HERITAGE TRANSPORT LLC  
Trans 2 EPA ID: AZD982403586  
Trans 2 Name: ENGLUND EQUIP  
TSDf EPA ID: IND093219012  
Trans Name: HERITAGE ENVIRONMENTAL SERVICES LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: - Not reported  
RCRA Code: D002  
Meth Code: - Not reported  
Quantity Tons: Not reported  
Waste Quantity: 95  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20040120  
Creation Date: 8/20/2004 9:31:41  
Receipt Date: 20040128  
Manifest ID: 23334962  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080033681  
Trans Name: D / K - ENVIRONMENTAL  
TSDf Alt EPA ID: CAT080033681  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.035  
Waste Quantity: 70  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2006  
Gen EPA ID: CAL912693193

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Shipment Date:	20061108
Creation Date:	3/30/2007 13:33:18
Receipt Date:	20061108
Manifest ID:	001602396JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.71
Waste Quantity:	450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061012
Creation Date:	7/11/2007 18:30:11
Receipt Date:	20061016
Manifest ID:	000500092JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061012
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000500092JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.72
Waste Quantity:	1440
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20061012
Creation Date:	7/11/2007 18:30:11
Receipt Date:	20061016
Manifest ID:	000500092JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHO-CHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD008364432
Trans Name:	RHO-CHEM CORPORATION
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	Not reported
Waste Quantity:	800
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060911
Creation Date:	8/28/2012 22:15:08
Receipt Date:	Not reported
Manifest ID:	000013091WAS
Trans EPA ID:	IND058484114
Trans Name:	HERITAGE TRANSPORT LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	IND093219012
Trans Name:	HERITAGE ENVIRONMENTAL SERVICES LLC
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	- Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Quantity Tons:	0.1115
Waste Quantity:	223
Quantity Unit:	P
Additional Code 1:	D009
Additional Code 2:	D007
Additional Code 3:	D002
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060830
Creation Date:	11/21/2006 18:30:26
Receipt Date:	20060907
Manifest ID:	24822868
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAD097030993
Trans Name:	US FILTER RECOVERY SERVICES CALIFORNIA
TSDf Alt EPA ID:	Not reported
TSDf Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060728
Creation Date:	9/28/2006 18:30:56
Receipt Date:	20060728
Manifest ID:	22812459
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDf EPA ID:	CAT080025711
Trans Name:	ADVANCED ENVIRONMENTAL INC
TSDf Alt EPA ID:	CAT080025711
TSDf Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	2.28
Waste Quantity:	600
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Shipment Date: 20060421  
Creation Date: 2/22/2007 18:30:06  
Receipt Date: 20060421  
Manifest ID: 23877099  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT080025711  
Trans Name: ADVANCED ENVIRONMENTAL INC  
TSDf Alt EPA ID: CAT080025711  
TSDf Alt Name: Not reported  
Waste Code Description: 221 - Waste oil and mixed oil  
RCRA Code: Not reported  
Meth Code: H01 - Transfer Station  
Quantity Tons: 1.14  
Waste Quantity: 300  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**HWTS:**

Name: VICTOR VALLEY WASTE WATER RA  
Address: 20111 SHAY RD EXTENSION  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92394  
EPA ID: CAL912693193  
Inactive Date: Not reported  
Create Date: 09/26/1991  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 20111 SHAY RD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: VICTORVILLE, CA 92394  
Owner Name: VICTOR VALLEY WASTEWATER RECLA  
Owner Address: 20111 SHAY ROAD  
Owner Address 2: Not reported  
Owner City,State,Zip: VICTORVILLE, CA 923940000  
Contact Name: DAVID WYLIE  
Contact Address: 20111 SHAY ROAD  
Contact Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92394  
Facility Status: Active  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 34.61119295  
Longitude: -117.3561407

**NAICS:**

EPA ID: CAL912693193  
Create Date: 2005-10-12 12:58:47.577  
NAICS Code: 22132  
NAICS Description: Sewage Treatment Facilities  
Issued EPA ID Date: 1991-09-26 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**S113163774**

Inactive Date: Not reported  
Facility Name: VICTOR VALLEY WASTE WATER RA  
Facility Address: 20111 SHAY RD EXTENSION  
Facility Address 2: Not reported  
Facility City: VICTORVILLE  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 923940000

Name: VICTOR VALLEY WASTE WATER RA  
Address: 20111 SHAY RD EXTENSION  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92394  
EPA ID: CAR000304600  
Inactive Date: 06/30/2020  
Create Date: 02/13/2020  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 20111 SHAY RD  
Mailing Address 2: Not reported  
Mailing City,State,Zip: VICTORVILLE, CA 92394  
Owner Name: VICTOR VALLEY WASTEWATER RECLA  
Owner Address: 20111 SHAY ROAD  
Owner Address 2: Not reported  
Owner City,State,Zip: VICTORVILLE, CA 923940000  
Contact Name: DAVID WYLIE  
Contact Address: 20111 SHAY ROAD  
Contact Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92394  
Facility Status: Inactive  
Facility Type: PERMANENT  
Category: FEDERAL  
Latitude: 34.61119295  
Longitude: -117.3561407

**NAICS:**

EPA ID: CAR000304600  
Create Date: 2020-02-13 10:51:40.953  
NAICS Code: 221320  
NAICS Description: Sewage Treatment Facilities  
Issued EPA ID Date: 2020-02-13 10:51:40.94000  
Inactive Date: 2020-06-30 00:00:00  
Facility Name: VICTOR VALLEY WASTE WATER RA  
Facility Address: 20111 SHAY RD EXTENSION  
Facility Address 2: Not reported  
Facility City: VICTORVILLE  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 923940000

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A6**            **VICTOR VALLEY REGIONAL COMPOST**  
**Target**       **20111 S HAY RD**  
**Property**     **VICTORVILLE, CA 92394**

**WDS**    **1001614641**  
           **N/A**

**Site 6 of 30 in cluster A**

**Actual:**  
**2663 ft.**

WDS:  
 Name:                    VICTOR VALLEY REGIONAL COMPOST  
 Address:                20111 S HAY RD  
 City:                     VICTORVILLE  
 Facility ID:              South Lahontan 369912001  
 Facility Type:          Other - Does not fall into the category of Municipal/Domestic,  
                                  Industrial, Agricultural or Solid Waste (Class I, II or III)  
 Facility Status:        Active - Any facility with a continuous or seasonal discharge that is  
                                  under Waste Discharge Requirements.  
 NPDES Number:        Not reported  
 Subregion:              0  
 Facility Telephone:    9098756441  
 Facility Contact:       MICHAEL HARDY  
 Agency Name:          CALIFORNIA BIO MASS  
 Agency Address:       10397 ALDER AVE  
 Agency City,St,Zip:   BLOOMINGTON 92316  
 Agency Contact:       MICHAEL HARDY  
 Agency Telephone:    7602467946  
 Agency Type:           Private  
 SIC Code:                0  
 SIC Code 2:             Not reported  
 Primary Waste Type:   Not reported  
 Primary Waste:         Not reported  
 Waste Type2:           Not reported  
 Waste2:                  Not reported  
 Primary Waste Type:   Not reported  
 Secondary Waste:      Not reported  
 Secondary Waste Type: Not reported  
 Design Flow:            0  
 Baseline Flow:         0  
 Reclamation:           Not reported  
 POTW:                    Not reported  
 Treat To Water:        Minor Threat to Water Quality. A violation of a regional board order  
                                  should cause a relatively minor impairment of beneficial uses compared  
                                  to a major or minor threat. Not: All nurds without a TTWQ will be  
                                  considered a minor threat to water quality unless coded at a higher  
                                  Level. A Zero (0) may be used to code those NURDS that are found to  
                                  represent no threat to water quality.  
 Complexity:            Category C - Facilities having no waste treatment systems, such as  
                                  cooling water dischargers or those who must comply through best  
                                  management practices, facilities with passive waste treatment and  
                                  disposal systems, such as septic systems with subsurface disposal, or  
                                  dischargers having waste storage systems with land disposal such as  
                                  dairy waste ponds.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**A7** VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
**Target** 20111 SHAY ROAD  
**Property** VICTORVILLE, CA

**PFAS** S127520725  
N/A

**Site 7 of 30 in cluster A**

**Actual:**  
**2663 ft.**

**PFAS:**  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: 1W WELL #1  
Matrix: Liquid  
Chemical: PFTRIDA  
Qualifier: ND  
Value: 0  
Reporting Limit: 1.7  
Detection Limit: 0.2  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: LSMWS  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	1W WELL #2
Matrix:	Liquid
Chemical:	PFTRIDA
Qualifier:	ND
Value:	0
Reporting Limit:	2
Detection Limit:	0.23
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/2/2020
Field Pt Class:	LSMWS
Site Use:	Wastewater Treatment Plants
Site Type:	* WDR Site
Latitude:	34.618009
Longitude:	-117.357746
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878</a>
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	WDR100036878
Facility Region:	LAHONTAN RWQCB (REGION 6V)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF-001
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	ND

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

Value: 0  
Reporting Limit: 24  
Detection Limit: 9.1  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: ES  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: EFF-002  
Matrix: Liquid  
Chemical: 8:2FTS  
Qualifier: ND  
Value: 0  
Reporting Limit: 24  
Detection Limit: 6.2  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: PERCP  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	WDR100036878
Facility Region:	LAHONTAN RWQCB (REGION 6V)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	EFF-001
Matrix:	Liquid
Chemical:	8:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	24
Detection Limit:	6.2
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/2/2020
Field Pt Class:	ES
Site Use:	Wastewater Treatment Plants
Site Type:	* WDR Site
Latitude:	34.618009
Longitude:	-117.357746
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878</a>
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	WDR100036878
Facility Region:	LAHONTAN RWQCB (REGION 6V)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	INF-001
Matrix:	Liquid
Chemical:	8:2FTS
Qualifier:	ND
Value:	0
Reporting Limit:	22
Detection Limit:	5.8
Lab Notes:	DB,GR
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/2/2020
Field Pt Class:	IS
Site Use:	Wastewater Treatment Plants
Site Type:	* WDR Site
Latitude:	34.618009
Longitude:	-117.357746
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878</a>
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	WDR100036878
Facility Region:	LAHONTAN RWQCB (REGION 6V)
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	INF-001
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	ND
Value:	0
Reporting Limit:	22
Detection Limit:	8.5
Lab Notes:	Not reported
Quarterly Running Annual Average:	0
Units:	NG/L
Date:	12/2/2020

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

Field Pt Class: IS  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: EFF-002  
Matrix: Liquid  
Chemical: PFHXSA  
Qualifier: ND  
Value: 0  
Reporting Limit: 24  
Detection Limit: 9.1  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: PERCP  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: INF-001  
Matrix: Liquid  
Chemical: PFOSA  
Qualifier: ND  
Value: 0  
Reporting Limit: 36  
Detection Limit: 14  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: IS  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: EFF-001  
Matrix: Liquid

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

Chemical: PFOSA  
Qualifier: ND  
Value: 0  
Reporting Limit: 38  
Detection Limit: 15  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: ES  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: WDR100036878  
Facility Region: LAHONTAN RWQCB (REGION 6V)  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: EFF-002  
Matrix: Liquid  
Chemical: PFOSA  
Qualifier: ND  
Value: 0  
Reporting Limit: 38  
Detection Limit: 15  
Lab Notes: Not reported  
Quarterly Running Annual Average: 0  
Units: NG/L  
Date: 12/2/2020  
Field Pt Class: PERCP  
Site Use: Wastewater Treatment Plants  
Site Type: \* WDR Site  
Latitude: 34.618009  
Longitude: -117.357746  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=WDR100036878](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=WDR100036878)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S127520725**

[Click this hyperlink](#) while viewing on your computer to access 178 additional CA PFAS: record(s) in the EDR Site Report.

**A8**  
**Target**  
**Property**

**VVWRA - 20111 SHAY**  
**20111 SHAY ROAD**  
**VICTORVILLE, CA 92394**

**EMI** **S124455113**  
**N/A**

**Site 8 of 30 in cluster A**

**Actual:**  
**2663 ft.**

EMI:

Name:	VVWRA - 20111 SHAY
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Year:	2017
County Code:	36
Air Basin:	MD
Facility ID:	45301124
Air District Name:	MOJ
SIC Code:	4952
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.2220913534
Reactive Organic Gases Tons/Yr:	0.672376705
Carbon Monoxide Emissions Tons/Yr:	0.694821304
NOX - Oxides of Nitrogen Tons/Yr:	0.542068104
SOX - Oxides of Sulphur Tons/Yr:	0.248818975
Particulate Matter Tons/Yr:	0.09105298994
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0.090506672

Name:	VVWRA - 20111 SHAY
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Year:	2018
County Code:	36
Air Basin:	MD
Facility ID:	1124
Air District Name:	MOJ
SIC Code:	4952
Air District Name:	MOJAVE DESERT AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	7.2220913534
Reactive Organic Gases Tons/Yr:	0.672376705
Carbon Monoxide Emissions Tons/Yr:	0.694821304
NOX - Oxides of Nitrogen Tons/Yr:	0.542068104
SOX - Oxides of Sulphur Tons/Yr:	0.248818975
Particulate Matter Tons/Yr:	0.09105298994
Part. Matter 10 Micrometers and Smlr Tons/Yr:	0.090506672

Name:	VVWRA - 20111 SHAY
Address:	20111 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Year:	2019
County Code:	36
Air Basin:	MD
Facility ID:	1124
Air District Name:	MOJ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VVWRA - 20111 SHAY (Continued)**

**S124455113**

SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7.2220913534  
Reactive Organic Gases Tons/Yr: 0.672376705  
Carbon Monoxide Emissions Tons/Yr: 0.694821304  
NOX - Oxides of Nitrogen Tons/Yr: 0.542068104  
SOX - Oxides of Sulphur Tons/Yr: 0.248818975  
Particulate Matter Tons/Yr: 0.09105298994  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.090506672

**A9  
Target  
Property**

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
20111 SHAY ROAD  
VICTORVILLE, CA 92394**

**WDR S12220180  
N/A**

**Site 9 of 30 in cluster A**

**Actual:  
2663 ft.**

WDR:  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Global ID: WDR100036878  
Status: ACTIVE - WDR

**A10  
Target  
Property**

**SOCAL BIOMETHANE, LLC  
20111 SHAY RD  
VICTORVILLE, CA 92394**

**CERS HAZ WASTE S128624070  
N/A**

**Site 10 of 30 in cluster A**

**Actual:  
2663 ft.**

CERS HAZ WASTE:  
Name: SOCALE BIOMETHANE, LLC  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 611787  
CERS ID: 10896106  
CERS Description: Hazardous Waste Generator  
  
Coordinates:  
Site ID: 611787  
Facility Name: SoCale Biomethane, LLC  
Env Int Type Code: HMBP  
Program ID: 10896106  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.,  
Latitude: 34.616130  
Longitude: -117.358900  
  
Affiliation:  
Affiliation Type Desc: Parent Corporation  
Entity Name: SoCale Biomethane, LLC  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SOCAL BIOMETHANE, LLC (Continued)**

**S128624070**

Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,  
  
Affiliation Type Desc: CUPA District  
Entity Name: San Bernardino County Fire  
Entity Title: Not reported  
Affiliation Address: 620 South E Street  
Affiliation City: San Bernardino  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92415-0153  
Affiliation Phone: (909) 386-8401,

**A11  
Target  
Property**

**BIOGAS POWER SYSTEMS - SHAY ROAD  
20111 SHAY RD.  
VICTORVILLE, CA 92394**

**FINDS 1024700755  
N/A**

**Site 11 of 30 in cluster A**

**Actual:  
2663 ft.**

FINDS:  
Registry ID: 110070521836

[Click Here for FRS Facility Detail Report:](#)

Environmental Interest/Information System:  
AIR EMISSIONS CLASSIFICATION UNKNOWN

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**A12  
Target  
Property**

**VICTOR VALLEY WASTEWATER TREATMENT PLANT  
20111 SHAY RD  
VICTORVILLE, CA 92394**

**CIWQS S121688702  
N/A**

**Site 12 of 30 in cluster A**

**Actual:  
2663 ft.**

CIWQS:  
Name: VICTOR VALLEY WASTEWATER TREATMENT PLANT  
Address: 20111 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: Victor Valley Wastewater Reclamation Authority  
Agency Address: 20111 Shay Rd, Victorville, CA 92394  
Place/Project Type: Construction - Utility  
SIC/NAICS: Not reported  
Region: 6V  
Program: CONSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water construction  
Order Number: 99-08DW  
WDID: 6B36C341202  
NPDES Number: CAS000002  
Adoption Date: Not reported  
Effective Date: 05/11/2006  
Termination Date: 03/02/2009  
Expiration/Review Date: Not reported  
Design Flow: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER TREATMENT PLANT (Continued)**

**S121688702**

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

**A13**  
**Target**  
**Property**

**20111 SHAY ROAD**  
**VICTORVILLE, CA 92394**

**CHMIRS S118737165**  
**N/A**

**Site 13 of 30 in cluster A**

**Actual:**  
**2663 ft.**

CHMIRS:  
Name: Not reported  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
OES Incident Number: 16-0613  
OES notification: 01/28/2016  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agncy Personel # Of Decontaminated: Not reported  
Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: Yes  
Waterway: Storm Drain and Mojave River  
Spill Site: Treatment/Sewage Facility  
Cleanup By: Reporting Party  
Containment: Not reported  
What Happened: Not reported  
Type: Not reported  
Measure: Not reported  
Other: Not reported  
Type: SEWAGE  
Measure: Gal(s)

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S118737165**

Other:	Not reported
Date/Time:	1712
Year:	2016
Agency:	Victorvalley Waste Water
Incident Date:	01/28/2016
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain and Mojave River
E Date:	Not reported
Substance:	Sewage
Quantity Released:	100,000
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	Caller states a power outage caused the pumps to malfunction resulted in the release of 100,000 gals of secondary treated sewage. The release went onto the ground and into a storm drain leading to Mojave River. The release has been contained and cleanup i

**A14**      **RECYCLED WATER-VVWRA ADMINISTRATOR**  
**Target**    **20111 SHAY**  
**Property**   **VICTORVILLE, CA 92394**

**CERS**    **S123518315**  
**N/A**

**Site 14 of 30 in cluster A**

**Actual:**  
**2663 ft.**

<b>CERS:</b>	
Name:	RECYCLED WATER-VVWRA ADMINISTRATOR
Address:	20111 SHAY
City,State,Zip:	VICTORVILLE, CA 92394
Site ID:	416605
CERS ID:	814118
CERS Description:	Forestry & Silviculture
Name:	RECYCLED WATER-VVWRA ADMINISTRATOR
Address:	20111 SHAY
City,State,Zip:	VICTORVILLE, CA 92394
Site ID:	416605
CERS ID:	814118
CERS Description:	Waste Discharge Requirements

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A15** **VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP**  
**Target** **20111 SHAY**  
**Property** **VICTORVILLE, CA 92394**

**CERS** **S123535198**  
**N/A**

**Site 15 of 30 in cluster A**

**Actual:**  
**2663 ft.**

**CERS:**  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP  
Address: 20111 SHAY  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 83338  
CERS ID: 270419  
CERS Description: Tanks & Ground Water Clean Up

**Violations:**  
Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-14-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dibromochloromethane Daily Maximum limit is 1.3 ug/L and reported value was 1.7 ug/L.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 0.08 mg/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-23-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Exceedance in chlorine residual effluent flowed into the Mojave River. The violation occurred during emergency operation procedures where extremely high plant flow conditions were encountered.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Ammonia, Total (as N) Monthly Average limit is .54 mg/L and reported value was .55 mg/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-22-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Failed to provide parameters related to lab analysis. Violated Board Order No. R6V-2013-0038 MRP I.E.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-27-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Effluent limit exceeded for NH3-N (Daily Max 1.5 mg/L). Violates Board Order R6V-2008-004 Req. IV A. Table 6 Effluent Limitations.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-13-2020  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On March 13, 2020, VVWRA released 49,285 gallons of raw sewage mixed with stormwater from EQ#3 to North Percolation Ponds 1 and 3. This is a violation of Board Order R6V-2012-0058, Requirement II.A.7 (no bypass or diversion discharge).  
Violation Division: Water Boards  
Violation Program: WDRMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-21-2007  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for Daily Maximum Total Dissolved Solids effluent concentration has been modified from 41,134 lb/day to 41,119 lb/day. Still a Chronic Violation  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-19-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Overflow 100k gal. waste-and stormwater 2-19-05 from collection system to land in Hesperia due to construction stormwater infiltration. Violation BO # 6-99-058, Orders I.D.2. "There shall be no discharge of...wastewater...adjacent land..."  
Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: pH Instantaneous Maximum limit is 8.5 SU and reported value was 8.67 SU at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-20-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Dissolved Solids (TDS) Daily Maximum limit is 580 mg/L and reported value was 650 mg/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-30-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On Friday September 4, 2009 the facility experienced a complete power outage due to a blown fuse to the main electrical switch gear. 1000 gallons of raw sewage overflowed the headworks while operations staff responded and were bypassing all influent flow to EQ #3. Sewage was contained on site and pumped back to plant, violates Board Order R6V-200  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-18-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Bis (2-Ethylhexyl) Phthalate Maximum Daily (MDEL) limit is 0.42 lb/day and reported value was 0.66 lb/day at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.350 lb/day

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

and reported value was 8.75 lb/day at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean total dissolved solids effluent concentration has been modified from 42,047 lb/day to 33,594 lb/day. Still a Chronic Violation.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-20-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Dissolved Solids (TDS) Daily Maximum limit is 580 mg/L and reported value was 601 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Dissolved Solids (TDS) 12-Month Average limit is 460 mg/L and reported value was 488 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-20-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Received information regarding constraints of access for Monitoring Locations RSW-03 and RSW-04. Staff working with VVWRA to fix the issue.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-30-2003  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: VVWRA uses an in-house lab for wet chemistry analysis (e.g. BOD,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

MBAS). The lab is not certified by the State DHS, ELAP.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The mean flow rate for this month was 12.55 million gallons per day which is greater than the limit of 12.50 million gallons per day as outlined in permit section number I.A.1.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2001  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On 4-3-01 total coliform detected at 300 mpn/100ml (limit 23 mpn/100ml) in effluent. Discharger indicates that all disinfection process working properly and sample may have been contaminated during collection.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean Total Dissolved Solids effluent concentration has been modified from 39,086 lb/day to 33,751 lb/day. Still a Chronic Violation

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-16-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: JUNE 99 SMR RECEIVED 3 DAYS LATE

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Notes: pH Instantaneous Maximum limit is 8.5 SU and reported value was 8.88  
SU at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-12-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Failed to provide parameters related to effluent and receiving water monitoring. Violated Board Order No.R6V-2013-0038 MRP IV.A.1.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-04-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Continuous monitoring results on Feb 4, 2006 indicated tertiary treated effluent to the Mojave River exceeded 5 NTUs for a total of 69.8% of day.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dibromochloromethane Monthly Average (Mean) limit is .41 ug/L and reported value was 1.1 ug/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-15-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Submitted quarterly SMR 74 days late. Violated Board Order No. R6V-2012-0058 MRP II.C.

Violation Division: Water Boards  
Violation Program: WDRMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: May 2019 Monthly Report Due 7/1/2019 submitted 9/4/2019

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-14-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger failed to report non-compliance to effluent limitations for parameters Dibromochloromethane and Dichlorobromomethane, violates BO R6V-2008-004 Standard Provisions-Reporting V. H.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Coliform Instantaneous Maximum limit is 240 MPN/100 mL and reported value was 280 MPN/100 mL at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-15-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On 9-9-06, VVWRA discharged ~ 343,889 gal w/total chlorine residual of 6.01 mg/L for 40 min which equals 17.2 lbs chlorine in violation of I.A.12 that limits total chlorine residual to <0.019 mg/L, < 1.3 lbs.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-13-2014  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Ammonia, Total (as N) Monthly Average (Mean) limit is 0.54 mg/L and reported value was 0.60 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-16-2018  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The SMR failed to provide parameters related to Effluent Monitoring. Violated Board Order No. R6V-2013-0038 IV.A.1.a.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dissolved Oxygen Weekly Average limit is 5 mg/L and reported value was 4.71 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-29-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Section number I.D.2 of the permit was violated when 1,000 gallons of raw sewage spill occurred from a manhole on VVWRA's Hesperia Interceptor. I.D.2-No bypass, discharge, or diversion of raw or partially treated wastewater...

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-31-1998  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: UP TO 90,000 GALLONS OF UNDISINFECTED SECONDARY EFFLUENT - DISCHARGED TO THE MOJAVE RIVER THROUGH SOUTH STORM DRAIN. - CONTRACTOR ACCIDENT - BROKEN BUT TEMPORARILY REPAIRED. LINE FAILED IN THE NIGHT.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-05-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Continuous monitoring results on Feb 5, 2006 indicated tertiary treated effluent to the Mojave River exceeded 5 NTUs for 45.5% of day.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-28-2004  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 10,000 gal (est.) sewage discharged from VVWRA interceptor to I-Ave.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

storm drain in Hesperia on 12-28-04. The storm drain directed the rain mixed with sewage into a wash due to heavy rain event.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-04-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Continuous monitoring results on Jan 27, 2006 indicated tertiary treated effluent to the Mojave River exceeded 5 NTUs for 8.68% of day.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-18-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 1.194 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Turbidity Instantaneous Maximum limit is 10 NTU and reported value was 11 NTU at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger had an unauthorized release of 6 Mgal. of undisinfected secondary treated effluent from Percolation Pond # 10 to Mojave River due to overfill and levee failure. Violation of BO 99-058, Orders ID2 "...no discharge of ww to surface waters.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 10-08-2012  
Citation: California Water Code  
Violation Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Notes: Dichlorobromomethane Daily Maximum limit is 1.4 ug/L and reported value was 1.6 ug/L.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: June 2019 Monthly Report Due 8/1/2019 submitted 9/4/2019  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-15-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dioxin analytical results received 1 year LATE on June 15, 2005. Due on June 15, 2004.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-29-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharge of untreated sewage from a damaged 27-inch force main occurred on Dec 25, 2010 and flowed into the Mojave River.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 10-08-2012  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dibromochloromethane Daily Maximum limit is 1.3 ug/L and reported value was 13 ug/L.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-26-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Iron MCL: 0.3mg/L; Golf Course NW-91 7/2: 4.7mg/L; Golf Course NZ-119 7/2: 6mg/L; Golf Course NW-123 7/2: 20mg/L.  
Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.350 lb/day and reported value was 1.93 lb/day at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The mean flow rate for this month was 12.81 million gallons per day which is greater than the limit of 12.30 million gallons per day as outlined in permit section number I.A.1. \*\*\* MMP Exempt  
Reason: Discharge to land  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: pH Instantaneous Minimum limit is 6.5 SU and reported value was 5.86 SU at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-18-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 5.73 mg/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-07-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Staff received call from Wade Specht, operations supervisor at VVWRA advising of an on-site spill that occurred on 6/5/2010. The cause of a spill was due to a power outage.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-16-2018  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: pH Instantaneous Minimum limit is 6.5 SU and reported value was 6.47 SU at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 07-30-2001  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Coliform reported at 30 mpn/100 ml on 7/28/01 exceeded daily max limit of 23 mpn/100ml

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-20-2020  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The PCA Report identifies 10 Requirements and 4 Recommendations. The Requirements are considered violation.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-16-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: JUNE 99 SMR - AVG MONTHLY TURBIDITY = 2.35, MAX = 2.0. EXPLANATION IN REPORT

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-28-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 4.14 mg/L.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-18-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Bis (2-Ethylhexyl) Phthalate Monthly Average (Mean) limit is 1.8 ug/L and reported value was 8.20 ug/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-13-2014  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Ammonia, Total (as N) Daily Maximum limit is 1.6 mg/L and reported value was 3.2 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-02-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: New continuous pH monitoring equipment installed. On Friday, May 30, 2008, pH dipped below 6.5 for 12.5 hours. Minimum recorded pH was 6.2. Limit, per R6V-2008-004, IV., A., 1.a, Table 6, is 6.5.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.350 lb/day and reported value was 1.193 lb/day at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-29-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The freeboard in percolation ponds 7&8 did not meet the 2.0 ft. requirement in April. Freeboard was reported to be 1.8 ft. in ponds 7&8.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-20-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger failed to report Total Nitrate Nitrogen in lbs/day. Violates Board Order R6V-2008-004 MRP IV. A. 1.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-07-2000  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: November 99 SMR - The coliform level on 11-7-99 was over the max. allowable for discharge to the Mojave River.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-21-2007  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The discharger s 12-month mean TDS discharge rate to the Mojave River for the monitoring period ending 7/31/2007 was 32,753 lbs/day. This rate exceeds the 12 month mean limit of 31,842 lbs/day.

Violation Division: Water Boards  
Violation Program: NPDESWW  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-08-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger failed to monitor at Receiving Water monitoring locations RSW-003 and RSW-004. Violates Board Order R6V-2008-004 WDR IX.A.1.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-16-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: April 99 SMR - Perc. Pond Inf. BOD = 59, Mas = 45 Explanation in report

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-30-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 0.594 mg/L.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-16-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: APRIL 99 SMR RECEIVED 3 DAYS LATE  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-23-2013  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The violations noted during the Pretreatment Inspection on May 22 and 23, 2013, includes violations stated in Board Order No. R6V-2013-0038, specifically with respect to section VI.C.5.a. that requires compliance with federal pretreatment requirements contained in 40 CFR 403. The letter dated November 20, 2013 (found in the attachments tab) lists  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dichlorobromomethane Monthly Average (Mean) limit is .56 ug/L and reported value was 7 ug/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: May 2017 Monthly Report Due 7/1/2017 submitted 8/7/2017  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-28-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Incorrectly sized anoxic basin backup blower caused formation of nitrogen gas bubbles in the secondary clarifiers. This lead to rising sludge blankets and overflow of sludge into the secondary effluent. Tertiary filters overloaded, causing violation of the 24-hour turbidity limit in the NPDES permit. A total of 1,183,000 gallons of high turbidit

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-30-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On August 30, 2010 VVWRA reported a spill that was discovered to be on-going since Aug 22, 1010. This spill consisted of non-dechlorinated wastewater containing electrolytic waste from various analyzers at the chlorine contact chamber. The spill consisted of 12 gal per minute rate of flow into the Mojave River for 8 days. Violates Board Order No. R

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-10-2018  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Exceeded SMCL for Sulfate (500 mg/L) and Manganese (0.050 mg/L) in multiple wells. Violated Board Order No. R6V-2012-0058 I.B.2.

Violation Division: Water Boards  
Violation Program: WDRmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-17-1994  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: VIOLATIONS ARE RESULT OF OPERATION IN A PARTIAL NITRIFICATION MODE EXACERBATED BY FERRIC CHLORIDE SPILLS.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-12-2003  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: A process upset occurred in digester No. 1 causing excess foaming.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

About 5,000 gallons of partially anaerobically digested sludge overflowed from the floating cover to the street.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-01-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: During the month of July of 2006, VVWRA Violated Permit Section I.B.1 when it exceeded the MCL for nitrate of 10 mg/L (12 mg/L nitrate in well SP-2)

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-15-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Submitted quarterly SMR 278 days late. Violated Board Order No. R6V-2012-0058 MRP II.C.

Violation Division: Water Boards  
Violation Program: WDRmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-15-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Exceeded MCLs For Iron (0.3 mg/L), Manganese (0.05 mg/L) in four wells. Violated Board Order No. R6V-2012-0058 I.B.2.

Violation Division: Water Boards  
Violation Program: WDRmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean Total Dissolved Solids effluent concentration has been modified from 36,478 lb/day to 34,051 lb/day. Still a Chronic Violation.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Notes: Reported value for 12-month mean Total Dissolved solids effluent concentration has been modified from 35,984 lb/day to 33,473 lb/day. Still a Chronic Violation.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-17-2012  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger is in violation of Board Order No. R6V-2008-004, section VI.c.5.a.1. Inspection identified numerous pretreatment deficiencies.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Turbidity was greater than 5 NTUs for more than 5% of the day. (Turbidity greater than 5 NTUs for 15.3% of the day)

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Ammonia, Total (as N) Monthly Average (Mean) limit is 0.54 mg/L and reported value was 0.55 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Turbidity exceeded 5 NTU more than 5% for 31.7% of the day.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The mean flow rate for this month was 13.01 million gallons per day which is greater than the limit of 12.30 million gallons per day as

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

outlined in permit section number I.A.1. \*\*\* MMP Exempt  
Reason:Discharge to land  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Turbidity Daily Average (Mean) limit is 2 NTU and reported value was 7.92 NTU.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-28-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 12,374 gallons of secondary wastewater flowed to the Mojave River  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-02-2002  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On 5-30-02 VVWRA had a spill of 13,400 gallons on anaerobically digested sludge. A clamp failed allowing sludge to enter a dry storm channel next to the thickening pond affecting 450 lineal feet.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-29-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Failed to provide parameters related to lab analysis. Violated Board Order No. R6V-2013-0038 MRP I.E.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-30-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: November 20th flow reading: 14.33MGD.  
Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-04-2003  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: No. 1 digester recently upset and is coming back on-line. In early morning of 2-4-03, about 5,500 gal of partially digested sludge overflowed from floating cover to adjacent area.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Bis (2-Ethylhexyl) Phthalate Maximum Daily (MDEL) limit is 3.6 ug/L and reported value was 8.2 ug/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 10-01-2007  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The discharger's 12-month mean TDS discharge rate to the Mojave River for the monitoring period ending 8/31/2007 was 32,067 lbs/day. This rate exceeds the 12 month mean limit of 31,842 lbs/day.

Violation Division: Water Boards  
Violation Program: NPDESww  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 0.944 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger had an unauthorized release of 6 Mgal. of undisinfected secondary treated effluent from Percolation Pond #10 to Mojave River due to overflow and levee failure. Violation of BO 99-58, Order I.D.2-

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

No bypass, discharge, or diversion of raw or partially treated wastewater...

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-02-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: During backhoe excavation for installing a new pipeline, the backhoe operator hit the existing secondary effluent 24-in forcemain. The head on the forcemain caused a spill of secondary effluent to spill quickly to the ground. Some of the spill entered the tertiary disinfection unit, and caused a 17 minute instantaneous turbidity violation at the M

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean Total Dissolved Solids effluent concentration has been modified from 40,958 lb/day to 31,587 lb/day. Not a Violation Reported value for Daily Maximum Total Dissolved Solids effluent concentration has been modified from 41,654 lb/day to 43,890 lb/day. Still a Chronic Violation.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-29-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: D.O data for tertiary effluent to the Mojave River and secondary effluent to the ponds were not included in the report due to staff oversight. Violated Board Order No. R6V-2008-0004, Req. VI.B.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-03-2015  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Ammonia, Total (as N) Daily Maximum limit is 1.6 mg/L and reported value was 2.0 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-29-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The BOD result (60.3 mg/L) exceeded the daily maximum (45 mg/L) in the secondary effluent to the percolation ponds.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-27-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On Sunday May 17, an error made during the total coliform analysis caused the test to be invalid. As a result, no coliform data can be reported for the sample taken on May 17,2009, violates Board Order R6V-2008-004 MRP IV Table 3 Effluent Monitoring.  
Violation Division: Water Boards  
Violation Program: NPDESWW  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-10-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On Friday, June 18, 2010 VVWRA experienced a release of approximately 230 gallons of anaerobically digested sludge to the Mojave River receiving waters at Discharge Point 001. Violates Board Order R6V-2008-004 WDR III.B.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean Total Dissolved Solids effluent concentration has been modified from 37,934 lb/day to 34,563 lb/day. Still a Chronic Violation.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-16-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: APRIL 99 SMR - PERC POND INF. BOD = 59, MAX = 45. EXPLANATION IN REPORT  
Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-19-2012  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dibromochloromethane Daily Maximum limit is 1.3 ug/L and reported value was 1.4 ug/L.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-14-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dichlorobromomethane Daily Maximum limit is 1.4 ug/L and reported value was 11 ug/L.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Coliform 7-Day Median limit is 2.2 MPN/100 mL and reported value was 4.0 MPN/100 mL at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-15-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Submitted quarterly SMR 95 days late. Violated Board Order No. R6V-2012-0058 MRP II.C.  
Violation Division: Water Boards  
Violation Program: WDRmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-12-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Turbidity Instantaneous Maximum limit is 10 NTU and reported value was 20 NTU.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-19-1996  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: INADEQUATE TREATMENT LEVEL IN RECYLCLED WW IN PLANT LANDSCAPE IRR SYS & INADEQUATE SIGNING.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-22-2002  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 10 gal sewage overflow from manhole at 11810 "J" Ave. Hesperia. Owner reported spill to VVWRA. Spill contained within flower garden.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-21-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Received report from Cal EMA advising of a sewage spill from sewer manholes located on "I" Avenue between "E" Ave and Lemon St in the City of Hesperia. The spill occurred due to the current storm surge.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-01-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Sunday, June 1, 2008, effluent pH dropped to 6.4 for 58 minutes. Limit, per R6V-2008-004, IV., A., 1., a., Table 6 is 6.5.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-21-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharge of approximately 230 gallons of sludge and wastewater to the Mojave River occurred. Violates Board Order No. R6V-2008-0004, WDR Req. III.B.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 10-20-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Violation of TDS limit flowing into the Mojave River. The permit states a maximum daily TDS not to exceed 580 mg/L; the Discharger allowed flow of treated water with a TDS of 601 mg/L.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-18-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 6000 GAL SEWAGE SPILL CAUSED BY VANDALS IN CITY OF VICTORVILLE. PUMP STANDING WATER AND DISINFECT AREA. NO FURTHER ACTION REQUIRED.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Staff received call from VVWRA's Director of operations notifying the Water Board of moist stains at the toe of one of the north percolation ponds #6. The wet spot has extended to a nearby road. At this point, it is unknown if the berm is failing or if it is groundwater seepage due to a mound.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-23-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Order R6V-2008-004, Section IV.A.1.a, Table 6, specifies the total residual chlorine limit as: 1) a maximum daily concentration of 0.003 mg/L and 2) a maximum daily discharge of 0.350 lb/day. On 4/23/08 VVWRA discharged a maximum daily concentration of 1.186 mg/L and had a daily discharge of 0.428 lbs. (see attached letter dated 5/5/08.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean total dissolved solids effluent

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

concentration has been modified from 35,342 lb/day to 33,540 lb/day.  
Still a Chronic Violation.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: General plant operations are inadequate.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-19-2004  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Coliform limit was exceeded twice in a 30-day period. On 3-17-04 - 80 MPN/100 ml and on 4-15-04 - 110 MPN/100 ml. The second exceedance is a violation.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Section number I.D.2 of the permit was violated when 1,000 gallons of raw sewage spill occurred. I.D.2-No bypass, discharge, or diversion of raw or partially treated wastewater...  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dissolved Oxygen Weekly Average limit is 5 mg/L and reported value was 4.58 mg/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 07-28-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On July 27, 2008 - 278,437 gal. of un-disinfected tertiary effluent

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

discharged into the Mojave River.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Coliform Not to exceed a specific limit more than once within any 30-day period. limit is 23 MPN/100 mL and reported value was 50 MPN/100 mL at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-29-2002  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On 8-29-02, an approximate 1,000 gallon spill of untreated sewage from VVWRA's interceptor occurred in a manhole near Mojave Narrows Park. All wastewater soaked into soil. Vandals were the cause.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-08-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Report was due May 1, 2008; received on May 13; 12 days late.  
Violation Division: Water Boards  
Violation Program: NPDESWW  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 07-21-1994  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: DIDNT INCLUDE TDS, BOD OVER LIMITS IN MAY 94 SMR  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-10-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: B.O # 6-99-58, I.A.12 - maximum 1-hr avg total chlorine residual conc. limit at 0.019 mg/L. On 1-10-2008, a system failure allowed 370,685 gal effluent discharged to Mojave River without dechlorination. (See

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Attachment 1) The chlorine residual on that day following chlorination was 6.8 mg/L mg/L. (See Attachment 2)

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Coliform Not to exceed a specific limit more than once within any 30-day period. limit is 23 MPN/100 mL and reported value was 30 MPN/100 mL at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-30-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Turbidity Maximum Daily (MDEL) limit is 5 NTU and reported value was 20 NTU.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-28-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: In March of 2006, VVWRA violated Permit Section I.D.2 which prohibits spills when over 100 gallons of untreated sewage overflowed out of two manholes in Hesperia INT.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-27-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On 2/27/08 VVWRA Treatment Plant was secured as scheduled to allow the install of facility influent flow meter. At approx. 11:30 raw wastewater began seeping through a crack in the influent flow meter structure isolation pit. 15 gpm seeped for 150 min onto the asphalt road. A combined 2,250 gallons of raw wastewater accumulated.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Date: 05-11-2006  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The mean flow rate for this month was 12.96 million gallons per day which is greater than the limit of 12.50 million gallons per day as outlined in permit section number I.A.1.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-19-2012  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dichlorobromomethane Daily Maximum limit is 1.4 ug/L and reported value was 12 ug/L.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-16-2018  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: The e-SMR failed to provide parameters related to Influent and Effluent monitoring. Violated Board Order No. R6V-2013-0038 MRP X.B.1.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-15-1998  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 1000 GAL SEWAGE SPILL IN APPLE VALLEY. PUMPED DOWN STANDING WATER AND DISINFECT AREA. NO FURTHER ACTION REQUIRED.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean Total Dissolved Solids effluent concentration has been modified from 37,104 lb/day to 34,430 lb/day. Still a Chronic Violation.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Date: 01-16-2018  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Flow Daily Maximum limit is 14 MGD and reported value was 14.033 MGD at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Total Coliform Instantaneous Maximum limit is 240 MPN/100 mL and reported value was 900 MPN/100 mL at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-08-2013  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Annual 2012 report was 42 days past due. Violates Board Order R6V-2012-0058, MRP II.D.  
Violation Division: Water Boards  
Violation Program: PTPRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: pH Instantaneous Minimum limit is 6.5 SU and reported value was 6.41 SU at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-18-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Chlorine, Total Residual Maximum Daily (MDEL) limit is 0.003 mg/L and reported value was 1.174 mg/L at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 02-17-2016  
Citation: California Water Code

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Description: Not reported  
Violation Notes: Submitted quarterly SMR 15 days late. Violated Board Order No. R6V-2014-0039 TSO  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-29-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Nitrite, Total (as N) Monthly Average limit is 0.0 mg/L and reported value was 8.5 mg/L.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-15-2011  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger failed to monitor at locations RSW-03 and RSW-04. Violates BO R6V-2008-004 MRP IX.A.1.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-04-2005  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 10,000 gal sewage discharged from VVWRA interceptor to adjacent land in Victorville in violation of Section I, D, 2, in BO 6/99/58  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 03-29-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: pH Instantaneous Minimum limit is 6.5 SU and reported value was 6.42 SU at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 09-16-1999  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: July 99 SMR received 1 day late

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Dissolved Oxygen Weekly Average limit is 5 mg/L and reported value was 4.91 mg/L at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 10-24-2009  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Failure to report pH level readings, violates Board Order No. R6V-2008-0004, MRP IV. A, Table 3.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 06-18-2016  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Bis (2-Ethylhexyl) Phthalate Monthly Average limit is 0.21 lb/day and reported value was 0.66 lb/day at EFF-001.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-21-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Reported value for 12-month mean Total Dissolved Solids effluent concentration has been modified from 36,846 lb/day to 34,588 lb/day. Still a Chronic Violation.

Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-30-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: pH Instantaneous Maximum limit is 8.5 SU and reported value was 9.58 SU at EFF-001.

Violation Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 05-01-2002  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: VVWRA discovered that on Friday, April 26, 2002, daily max coliform limits were exceeded in Mojave River Discharges. The determined value 49 mpn/100 ml limit is 23 mpn/100 ml max.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 07-15-2008  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: On July 9, 2008, 22,206 gallons of effluent discharged to Mojave River with residual chlorine above effluent limit of 0.003 mg/L for 4 minutes. Violated Board Order No. R6V-2008-004, Req. IV.A.1, Table 6.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 04-18-2017  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Failed to provide parameters related to lab analysis. Violated Board Order No. R6V-2013-0038 MRP I.E.

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Ammonia, Unionized (as N) Monthly Average limit is 0.54 mg/L and reported value was 0.59 mg/L. \*\*\* MMP Exempt Reason: Non-serious violation not subject to MMPs: the violation falls within the first three violations within a 180-day period, and thus not subject to MMPs. The board may assess discretionary penalties for this violation; this violation

Violation Division: Water Boards  
Violation Program: NPDmunilrg  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-06-2019  
Citation: California Water Code

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Violation Description: Not reported  
Violation Notes: Turbidity 24-hour Average limit is 2 NTU and reported value was 2.29 NTU at EFF-001.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 01-11-1995  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: 700 GAL DIESEL FUEL WASHED INTO MOJAVE RIVER DUE TO FLOOD. TANK FOR DEWATERING PUMP WAS CARRIED AWAY AND CANNOT BE LOCATED; SEE SPILL REPORT 1/11/95. (TRS)  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 11-10-1997  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: SPILLED 50K GALLONS RAW WW FROM HESPERIA INTERCEPTOR ALONG I AVE & F ST TO GROUND. DISINFECTED CLEANED UP OCCURRED DURING REPAIR. NO FURTHER ACTION NEEDED  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 08-10-2018  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Exceeded SMCL for Manganese (0.050 mg/L) in multiple wells. Violated Board Order No. R6V-2012-0058 I.B.2.  
Violation Division: Water Boards  
Violation Program: WDRMUNILRG  
Violation Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Violation Date: 12-20-2010  
Citation: California Water Code  
Violation Description: Not reported  
Violation Notes: Discharger failed to report Total Ammonia Nitrogen and Total Nitrate Nitrogen in lbs/day. Violates Board Order R6V-2008-004 MRP IV. A. 1.  
Violation Division: Water Boards  
Violation Program: NPDMUNILRG  
Violation Source: CIWQS,

Evaluation:  
Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-10-2015  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-11-2007
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-11-2007
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-11-2007
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-14-2004
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-14-2004
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-16-2003
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 06-16-2003  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 06-16-2003  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 06-23-2014  
Violations Found: No  
Eval Type: Follow-up inspection (enforcement)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 06-23-2014  
Violations Found: No  
Eval Type: Follow-up inspection (enforcement)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 08-19-2014  
Violations Found: No  
Eval Type: Follow-up Inspection (noncompliance)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 08-19-2014  
Violations Found: No  
Eval Type: Follow-up Inspection (noncompliance)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Map ID  
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Distance  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type: Compliance Sampling Inspection  
Eval Date: 08-21-2014  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 09-24-2014  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-19-1998  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-10-2016  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-20-2001  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-20-2001  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-21-2013  
Violations Found: No

Map ID  
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Distance  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-21-2013  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-21-2013  
Violations Found: Yes  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-08-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-08-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-08-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-31-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards

Map ID  
Direction  
Distance  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Initial Site Inspection
Eval Date:	01-06-1995
Violations Found:	No
Eval Type:	Prerequisite inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Initial Site Inspection
Eval Date:	01-06-1995
Violations Found:	No
Eval Type:	Prerequisite inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-07-2020
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Other/Unknown
Eval Date:	01-08-1997
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	01-08-2018
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	01-08-2018
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,

Map ID  
Direction  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Complaint Inspection
Eval Date:	01-16-1997
Violations Found:	No
Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2011
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-27-2009
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2016
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2016
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-29-2016
Violations Found:	Yes

Map ID  
Direction  
Distance  
Elevation

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Database(s)

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 01-31-2001  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-02-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-08-1994  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-08-1994  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 02-11-2019  
Violations Found: No  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-15-2000  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-15-2000  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 03-18-2019  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-21-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-21-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-21-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 04-09-2015  
Violations Found: No  
Eval Type: Follow-up inspection (enforcement)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Map ID  
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MAP FINDINGS

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Compliance Followup Inspection
Eval Date:	04-09-2015
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-12-2005
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-12-2005
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-12-2005
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	04-12-2006
Violations Found:	Yes
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-22-1994
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	04-29-1998
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 04-29-1998  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 04-29-1998  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 05-05-2016  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-12-2004  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-17-2012  
Violations Found: Yes  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-17-2012  
Violations Found: Yes  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-21-2020
Violations Found:	Yes
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-1996
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2001
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2002
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2002
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,

Map ID  
Direction  
Distance  
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MAP FINDINGS

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Compliance Followup Inspection
Eval Date:	06-06-2002
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-07-2011
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-07-2011
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-11-2007
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-14-2004
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-15-2012
Violations Found:	Yes
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-15-2012
Violations Found:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-16-2003
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2006
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	08-21-2014
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	08-21-2014
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Other/Unknown
Eval Date:	10-27-2017
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Other/Unknown
Eval Date:	10-27-2017
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-10-2016  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-28-2012  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-31-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-31-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-07-2020  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-07-2020  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-08-2018  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 01-08-2018  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-27-2009  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-02-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 02-02-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Initial Site Inspection  
Eval Date: 02-07-2008  
Violations Found: No  
Eval Type: Prerequisite inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-08-1994  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-15-2000  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 03-02-2011  
Violations Found: Yes  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 03-02-2011  
Violations Found: Yes  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 03-07-2019  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 03-07-2019  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 03-07-2019  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-16-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-16-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 03-18-2019  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 04-09-2015  
Violations Found: No  
Eval Type: Follow-up inspection (enforcement)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Complaint Inspection
Eval Date:	04-12-2005
Violations Found:	No
Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-12-2005
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	04-25-2006
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	04-29-1998
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-12-2004
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-12-2004
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-12-2004
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-1996
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-22-1996
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2001
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2003
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2002
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-07-2011
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-08-1999  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-08-1999  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-08-1999  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 06-10-2015  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 06-14-2004  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRmunilrg  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 06-15-2012  
Violations Found: Yes  
Eval Type: Follow-up inspection (enforcement)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Compliance Followup Inspection
Eval Date:	06-23-2014
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-23-2014
Violations Found:	No
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-30-1997
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2006
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2006
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	08-21-2014
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Other/Unknown
Eval Date:	09-24-2014
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-19-1998
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Other/Unknown
Eval Date:	10-27-2017
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	11-20-2001
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-21-2013
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	11-21-2013
Violations Found:	Yes
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	11-21-2013
Violations Found:	Yes
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-21-2013  
Violations Found: Yes  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-28-2012  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-28-2012  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-28-2012  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Initial Site Inspection  
Eval Date: 01-06-1995  
Violations Found: No  
Eval Type: Prerequisite inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-07-2020  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Other/Unknown
Eval Date:	01-08-1997
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-08-2018
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-08-2018
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-11-2011
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-11-2011
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-11-2011
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Complaint Inspection
Eval Date:	01-16-1997
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2011
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	01-31-2001
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	02-02-2011
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Initial Site Inspection
Eval Date:	02-07-2008
Violations Found:	No
Eval Type:	Prerequisite inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Initial Site Inspection
Eval Date:	02-07-2008
Violations Found:	No
Eval Type:	Prerequisite inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Complaint Inspection
Eval Date:	02-11-2019
Violations Found:	No
Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-15-2000  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 03-02-2011  
Violations Found: Yes  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type: Compliance Sampling Inspection  
Eval Date: 03-07-2019  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-16-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 03-18-2019  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDUNILRG  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 03-18-2019  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-21-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 04-12-2005  
Violations Found: No  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 04-12-2005  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	04-12-2006
Violations Found:	Yes
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-22-1994
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	04-25-2006
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	04-25-2006
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	04-25-2006
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-17-2012
Violations Found:	Yes
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-21-2020
Violations Found:	Yes
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-21-2020
Violations Found:	Yes
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2003
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2003
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Initial Site Inspection
Eval Date:	01-06-1995
Violations Found:	No
Eval Type:	Prerequisite inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Other/Unknown
Eval Date:	01-08-1997
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Other/Unknown
Eval Date:	01-08-1997
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-08-2018
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	01-08-2018
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-11-2011
Violations Found:	Yes
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Complaint Inspection
Eval Date:	01-16-1997
Violations Found:	No
Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Complaint Inspection
Eval Date:	01-16-1997
Violations Found:	No
Eval Type:	Complaint Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2011
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-26-2011  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-27-2009  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 01-29-2016  
Violations Found: Yes  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 01-31-2001  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 01-31-2001  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Initial Site Inspection  
Eval Date: 02-07-2008  
Violations Found: No  
Eval Type: Prerequisite inspection  
Eval Notes: Not reported  
Eval Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 02-08-1994  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 02-11-2019  
Violations Found: No  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 02-11-2019  
Violations Found: No  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 03-02-2011  
Violations Found: Yes  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-02-2021  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 03-16-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 04-09-2015  
Violations Found: No  
Eval Type: Follow-up inspection (enforcement)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Complaint Inspection  
Eval Date: 04-12-2005  
Violations Found: No  
Eval Type: Complaint Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 04-12-2006  
Violations Found: Yes  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 04-12-2006  
Violations Found: Yes  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-22-1994  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 04-22-1994  
Violations Found: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 05-05-2016  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 05-05-2016  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 05-05-2016  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-17-2012  
Violations Found: Yes  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-21-2020  
Violations Found: Yes  
Eval Type: Pretreatment compliance  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 05-22-1996  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2001
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-24-2001
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-29-2003
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-04-2002
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,

Map ID  
Direction  
Distance  
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MAP FINDINGS

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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-05-2014
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-06-2002
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-06-2002
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-06-2002
Violations Found:	No
Eval Type:	Follow-up Inspection (noncompliance)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-07-2011
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-08-1999
Violations Found:	No
Eval Type:	RWQCB Type B compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-10-2015
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-10-2015
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Followup Inspection
Eval Date:	06-15-2012
Violations Found:	Yes
Eval Type:	Follow-up inspection (enforcement)
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-30-1997
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-30-1997
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	06-30-1997
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-09-2006
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 08-19-2014  
Violations Found: No  
Eval Type: Follow-up Inspection (noncompliance)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Followup Inspection  
Eval Date: 08-19-2014  
Violations Found: No  
Eval Type: Follow-up Inspection (noncompliance)  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 09-24-2014  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Other/Unknown  
Eval Date: 09-24-2014  
Violations Found: No  
Eval Type: Miscellaneous Inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-19-1998  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: NPDMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-19-1998  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

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EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval General Type:	Other/Unknown
Eval Date:	10-27-2017
Violations Found:	No
Eval Type:	Miscellaneous Inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	REC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	Pretreatment compliance
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	WDRMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	NPDMUNILRG
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	11-10-2016
Violations Found:	No
Eval Type:	RWQCB Type A compliance inspection
Eval Notes:	Not reported
Eval Division:	Water Boards
Eval Program:	SLIC
Eval Source:	CIWQS,
Eval General Type:	Compliance Sampling Inspection
Eval Date:	11-10-2016
Violations Found:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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Database(s)

EDR ID Number  
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**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Eval General Type: Compliance Sampling Inspection  
Eval Date: 11-20-2001  
Violations Found: No  
Eval Type: RWQCB Type A compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: SLIC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 11-21-2013  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-08-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: REC  
Eval Source: CIWQS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-31-2010  
Violations Found: No  
Eval Type: RWQCB Type B compliance inspection  
Eval Notes: Not reported  
Eval Division: Water Boards  
Eval Program: WDRMUNILRG  
Eval Source: CIWQS,

Enforcement Action:  
Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-12-1995  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-12-1995  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-12-1995  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-12-1995  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-14-2011  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 01-14-2011  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-14-2011  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-14-2011  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-15-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-15-2020  
Enf Action Type: Notice of Violation (Water)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	01-15-2020
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	SLIC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	01-15-2020
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	WDRMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	01-23-2006
Enf Action Type:	Oral Communication
Enf Action Description:	Oral Communication
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	NPDMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	01-23-2006
Enf Action Type:	Oral Communication
Enf Action Description:	Oral Communication
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-23-2006  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-23-2006  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-24-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-24-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 01-24-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 01-24-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-10-2009  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-10-2009  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-10-2009  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-10-2009  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-14-2008  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-14-2008  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-14-2008  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-14-2008  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-19-2005  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-19-2005  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-19-2005  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-19-2005  
Enf Action Type: Oral Communication

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-23-2017  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-23-2017  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-23-2017  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 02-23-2017  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 03-10-2011  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 03-10-2011  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 03-10-2011  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 03-10-2011  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 04-17-2001  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-17-2001  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-17-2001  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-17-2001  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-24-2002  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-24-2002  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-24-2002  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-24-2002  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-26-1993  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-26-1993  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-26-1993  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 04-26-1993  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-13-1993  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-13-1993  
Enf Action Type: Cease and Desist Order

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-13-1993  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-13-1993  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-20-2015  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-20-2015  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-20-2015  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-20-2015  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-29-2014  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-29-2014  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 05-29-2014  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 05-29-2014  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-09-2005  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-09-2005  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-09-2005  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-09-2005  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-16-2010  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-16-2010  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-16-2010  
Enf Action Type: Time Schedule Order  
Enf Action Description: Time Schedule Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	06-16-2010
Enf Action Type:	Time Schedule Order
Enf Action Description:	Time Schedule Order
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	WDRMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	06-22-2021
Enf Action Type:	Administrative Enforcement with Penalty
Enf Action Description:	Administrative Enforcement with Civil Liability (Penalty)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	NPDMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	06-22-2021
Enf Action Type:	Administrative Enforcement with Penalty
Enf Action Description:	Administrative Enforcement with Civil Liability (Penalty)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	06-22-2021
Enf Action Type:	Administrative Enforcement with Penalty
Enf Action Description:	Administrative Enforcement with Civil Liability (Penalty)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	SLIC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	06-22-2021
Enf Action Type:	Administrative Enforcement with Penalty

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-25-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-25-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-25-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-25-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-27-2001  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-27-2001  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-27-2001  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 06-27-2001  
Enf Action Type: Enforcement Letter (Formal)  
Enf Action Description: Enforcement Letter Citing Violations and with Required Actions (Formal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-03-2020  
Enf Action Type: Staff Enforcement Letter (Informal)  
Enf Action Description: Staff Enforcement Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-03-2020  
Enf Action Type: Staff Enforcement Letter (Informal)  
Enf Action Description: Staff Enforcement Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-03-2020  
Enf Action Type: Staff Enforcement Letter (Informal)  
Enf Action Description: Staff Enforcement Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-03-2020  
Enf Action Type: Staff Enforcement Letter (Informal)  
Enf Action Description: Staff Enforcement Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-06-2006

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	NPDMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-06-2006
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-06-2006
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	SLIC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-06-2006
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	WDRMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-10-2012
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	NPDMUNILRG

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-10-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-10-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-10-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-11-1996  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-11-1996  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-11-1996  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-11-1996  
Enf Action Type: Cease and Desist Order  
Enf Action Description: Cease and Desist Order  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-14-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-14-2020  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-14-2020
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	SLIC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-14-2020
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	WDRMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-30-2008
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	NPDMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	07-30-2008
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-30-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 07-30-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-15-1995  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-15-1995  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 08-15-1995  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-15-1995  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-22-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-22-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-22-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-22-2008  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-28-2007  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-28-2007  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-28-2007  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 08-28-2007  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-12-2012  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-12-2012  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-12-2012  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-12-2012  
Enf Action Type: Administrative Enforcement with Penalty

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-20-2006  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-20-2006  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-20-2006  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 09-20-2006  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-01-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-01-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-01-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-01-2012  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 11-08-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-08-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-08-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-08-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-09-2006  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,  
  
Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-09-2006  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-09-2006  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-09-2006  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-13-2008  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-13-2008  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-13-2008  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-13-2008  
Enf Action Type: Administrative Enforcement with Penalty  
Enf Action Description: Administrative Enforcement with Civil Liability (Penalty)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-14-2007  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-14-2007  
Enf Action Type: Notice of Violation (Water)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	11-14-2007
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	SLIC
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	11-14-2007
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	WDRMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	11-20-2013
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	NPDMUNILRG
Enf Action Source:	CIWQS,
Site ID:	83338
Site Name:	Victor Valley Wastewater Reclamation Authority WTP
Site Address:	20111 SHAY
Site City:	VICTORVILLE
Site Zip:	92394
Enf Action Date:	11-20-2013
Enf Action Type:	Notice of Violation (Water)
Enf Action Description:	Notice of Violation Letter (Informal)
Enf Action Notes:	Not reported
Enf Action Division:	Water Boards
Enf Action Program:	REC
Enf Action Source:	CIWQS,

Map ID  
Direction  
Distance  
Elevation

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Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-20-2013  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 11-20-2013  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-18-2020  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-18-2020  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394

Map ID  
Direction  
Distance  
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Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Date: 12-18-2020  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-18-2020  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-20-2010  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDMMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-20-2010  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-20-2010  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-20-2010  
Enf Action Type: Oral Communication  
Enf Action Description: Oral Communication  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: WDRMUNILRG  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-22-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: NPDmunilrg  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-22-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: REC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP  
Site Address: 20111 SHAY  
Site City: VICTORVILLE  
Site Zip: 92394  
Enf Action Date: 12-22-2010  
Enf Action Type: Notice of Violation (Water)  
Enf Action Description: Notice of Violation Letter (Informal)  
Enf Action Notes: Not reported  
Enf Action Division: Water Boards  
Enf Action Program: SLIC  
Enf Action Source: CIWQS,

Site ID: 83338  
Site Name: Victor Valley Wastewater Reclamation Authority WTP

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP (Continued)**

**S123535198**

Site Address: 20111 SHAY  
 Site City: VICTORVILLE  
 Site Zip: 92394  
 Enf Action Date: 12-22-2010  
 Enf Action Type: Notice of Violation (Water)  
 Enf Action Description: Notice of Violation Letter (Informal)  
 Enf Action Notes: Not reported  
 Enf Action Division: Water Boards  
 Enf Action Program: WDRMUNILRG  
 Enf Action Source: CIWQS,

Coordinates:

Site ID: 83338  
 Facility Name: Victor Valley Wastewater Reclamation Authority WTP  
 Env Int Type Code: CIWQS\_TANK  
 Program ID: 270419  
 Coord Name: Not reported  
 Ref Point Type Desc: Unknown,  
 Latitude: 34.618009  
 Longitude: -117.357746

**A16  
 Target  
 Property**

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
 20111 SHAY RD.  
 VICTORVILLE, CA 92394**

**RCRA-VSQG**

**1026057783  
 CAR000304600**

**Site 16 of 30 in cluster A**

**Actual:  
 2663 ft.**

RCRA-VSQG:  
 Date Form Received by Agency: 20200212  
 Handler Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
 Handler Address: 20111 SHAY RD.  
 Handler City,State,Zip: VICTORVILLE, CA 92394  
 EPA ID: CAR000304600  
 Contact Name: DAVID WYLIE  
 Contact Address: SHAY RD.  
 Contact City,State,Zip: VICTORVILLE, CA 92394  
 Contact Telephone: 760-523-1781  
 Contact Fax: Not reported  
 Contact Email: DWYLIE@VWVRA.COM  
 Contact Title: SAFETY/COMMUNICATIONS OFFICER  
 EPA Region: 09  
 Land Type: Other  
 Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator  
 Non-Notifier: Not reported  
 Biennial Report Cycle: Not reported  
 Accessibility: Not reported  
 Active Site Indicator: Handler Activities  
 State District Owner: Not reported  
 State District: Not reported  
 Mailing Address: SHAY RD.  
 Mailing City,State,Zip: VICTORVILLE, CA 92394  
 Owner Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
 Owner Type: Other  
 Operator Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
 Operator Type: Other  
 Short-Term Generator Activity: No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1026057783**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200213
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1026057783**

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20111 SHAY RD.
Owner/Operator City,State,Zip:	VICTORVILLE, CA 92394
Owner/Operator Telephone:	760-246-8638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20111 SHAY RD.
Owner/Operator City,State,Zip:	VICTORVILLE, CA 92394
Owner/Operator Telephone:	760-523-1781
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	DWYLIE@VWVRA.COM

Historic Generators:

Receive Date:	20200212
Handler Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	221320
NAICS Description:	SEWAGE TREATMENT FACILITIES

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1026057783**

Facility Has Received Notices of Violations:  
 Violations: No Violations Found

Evaluation Action Summary:  
 Evaluations: No Evaluations Found

<b>A17</b>	<b>VICTOR VALLEY WASTE WATER RA</b>	<b>RCRA NonGen / NLR</b>	<b>1024875511</b>
<b>Target</b>	<b>20111 SHAY RD EXTENSION</b>		<b>CAL912693193</b>
<b>Property</b>	<b>VICTORVILLE, CA 92394</b>		

**Site 17 of 30 in cluster A**

<b>Actual:</b>	RCRA NonGen / NLR:	
<b>2663 ft.</b>	Date Form Received by Agency:	19910926
	Handler Name:	VICTOR VALLEY WASTE WATER RA
	Handler Address:	20111 SHAY RD EXTENSION
	Handler City,State,Zip:	VICTORVILLE, CA 92394-0000
	EPA ID:	CAL912693193
	Contact Name:	DAVID WYLIE
	Contact Address:	20111 SHAY ROAD
	Contact City,State,Zip:	VICTORVILLE, CA 92394
	Contact Telephone:	760-246-8638
	Contact Fax:	760-246-5440
	Contact Email:	DWYLIE@VWVRA.COM
	Contact Title:	Not reported
	EPA Region:	09
	Land Type:	Not reported
	Federal Waste Generator Description:	Not a generator, verified
	Non-Notifier:	Not reported
	Biennial Report Cycle:	Not reported
	Accessibility:	Not reported
	Active Site Indicator:	Handler Activities
	State District Owner:	Not reported
	State District:	Not reported
	Mailing Address:	20111 SHAY RD
	Mailing City,State,Zip:	VICTORVILLE, CA 92394
	Owner Name:	VICTOR VALLEY WASTEWATER RECLA
	Owner Type:	Other
	Operator Name:	DAVID WYLIE
	Operator Type:	Other
	Short-Term Generator Activity:	No
	Importer Activity:	No
	Mixed Waste Generator:	No
	Transporter Activity:	No
	Transfer Facility Activity:	No
	Recycler Activity with Storage:	No
	Small Quantity On-Site Burner Exemption:	No
	Smelting Melting and Refining Furnace Exemption:	No
	Underground Injection Control:	No
	Off-Site Waste Receipt:	No
	Universal Waste Indicator:	Yes
	Universal Waste Destination Facility:	Yes
	Federal Universal Waste:	No
	Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
	Active Site Converter Treatment storage and Disposal Facility:	Not reported
	Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**1024875511**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDs Where RCRA CA has Been Imposed Universe:	No
TSDs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180907
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VICTOR VALLEY WASTEWATER RECLA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	20111 SHAY ROAD
Owner/Operator City,State,Zip:	VICTORVILLE, CA 92394-0000
Owner/Operator Telephone:	760-246-8638
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID WYLIE
Legal Status:	Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTE WATER RA (Continued)**

**1024875511**

Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 20111 SHAY ROAD  
Owner/Operator City,State,Zip: VICTORVILLE, CA 92394  
Owner/Operator Telephone: 760-246-8638  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19910926  
Handler Name: VICTOR VALLEY WASTE WATER RA  
Federal Waste Generator Description: Not a generator, verified  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 22132  
NAICS Description: SEWAGE TREATMENT FACILITIES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**A18  
Target  
Property**

**CAL BIO-MASS COMPOST, RECYCLING, TS.  
20111 SHAY ROAD, VICTORVILLE  
VICTORVILLE, CA**

**RGA LF S114725702  
N/A**

**Site 18 of 30 in cluster A**

**Actual:  
2663 ft.**

RGA LF:  
Name: CAL BIO-MASS COMPOST, RECYCLING, TS.  
Address: 20111 SHAY ROAD, VICTORVILLE  
City: VICTORVILLE  
State: VICTORVILLE  
1999 CAL BIO-MASS COMPOST, RECYCLING, TS. 20111 SHAY ROAD,  
VICTORVILLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

**A19** VICTOR VALLEY MUNI WTP  
**Target** 20111 SHAY RD  
**Property** VICTORVILLE, CA 92394

**EMI** S100630883  
**WDS** N/A

**Site 19 of 30 in cluster A**

**Actual:**  
**2663 ft.**

**EMI:**

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 1995  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 1996  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 1997  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 1998  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 1999  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2000  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2001  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2002  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2003  
County Code: 36  
Air Basin: MD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTE W REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2004  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.1  
Reactive Organic Gases Tons/Yr: 0.01  
Carbon Monoxide Emissions Tons/Yr: 4.8  
NOX - Oxides of Nitrogen Tons/Yr: 1.5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTE W REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2005  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1  
Reactive Organic Gases Tons/Yr: .00914  
Carbon Monoxide Emissions Tons/Yr: 4.8  
NOX - Oxides of Nitrogen Tons/Yr: 1.5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTE W REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Year: 2006  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1  
Reactive Organic Gases Tons/Yr: .00914  
Carbon Monoxide Emissions Tons/Yr: 4.8  
NOX - Oxides of Nitrogen Tons/Yr: 1.5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 923940000  
Year: 2007  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1  
Reactive Organic Gases Tons/Yr: .00914  
Carbon Monoxide Emissions Tons/Yr: 4.8  
NOX - Oxides of Nitrogen Tons/Yr: 1.5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 92392  
Year: 2008  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .1  
Reactive Organic Gases Tons/Yr: .00914  
Carbon Monoxide Emissions Tons/Yr: 4.8  
NOX - Oxides of Nitrogen Tons/Yr: 1.5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Name: VICTOR VALLEY WASTE W REC AUTH  
Address: 20111 SHAY ROAD EXT  
City,State,Zip: VICTORVILLE, CA 92392  
Year: 2009  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.10000000000000001  
Reactive Organic Gases Tons/Yr: 9.1400000000000006E-3  
Carbon Monoxide Emissions Tons/Yr: 4.7999999999999998  
NOX - Oxides of Nitrogen Tons/Yr: 1.5  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Name: VICTOR VALLEY WASTE W REC AUTH  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2010  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 43.079242303960299  
Reactive Organic Gases Tons/Yr: 22.277346936179999  
Carbon Monoxide Emissions Tons/Yr: 17.472881099999999  
NOX - Oxides of Nitrogen Tons/Yr: 6.6532305000000003  
SOX - Oxides of Sulphur Tons/Yr: 4.6403600000000003E-2  
Particulate Matter Tons/Yr: 0.63038119999999997  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.62711122880000003

Name: VICTOR VALLEY WASTE W REC AUTH -SHAY ROAD  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2011  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 43.738323884  
Reactive Organic Gases Tons/Yr: 22.082808374  
Carbon Monoxide Emissions Tons/Yr: 20.961903  
NOX - Oxides of Nitrogen Tons/Yr: 7.990788  
SOX - Oxides of Sulphur Tons/Yr: 0.0582038

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Particulate Matter Tons/Yr: 0.7985846  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.7944094124

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2012  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 23.223072257  
Reactive Organic Gases Tons/Yr: 22.978829389  
Carbon Monoxide Emissions Tons/Yr: 138.17571989  
NOX - Oxides of Nitrogen Tons/Yr: 3.4697868944  
SOX - Oxides of Sulphur Tons/Yr: 0.0844483361  
Particulate Matter Tons/Yr: 1.4347722597  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.434566997

Name: VICTOR VALLEY WASTEWE REC AUTH  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2013  
County Code: 36  
Air Basin: MD  
Facility ID: 45301124  
Air District Name: MOJ  
SIC Code: 4952  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 23.223072257  
Reactive Organic Gases Tons/Yr: 22.978829389  
Carbon Monoxide Emissions Tons/Yr: 138.17571989  
NOX - Oxides of Nitrogen Tons/Yr: 3.4697868944  
SOX - Oxides of Sulphur Tons/Yr: 0.0844483361  
Particulate Matter Tons/Yr: 1.4347722597  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.434566997

**WDS:**

Name: VICTOR VALLEY MUNI WTP  
Address: 20111 SHAY RD  
City: VICTORVILLE  
Facility ID: South Lahontan 360109001  
Facility Type: Municipal/Domestic - Facility that treats sewage or a mixture of predominantly sewage and other waste from districts, municipalities, communities, hospitals, schools, and publicly or privately owned systems (excluding individual subsurface leaching systems disposing of less than 1,000 gallons per day).  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CA0102822 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Subregion: 0  
Facility Telephone: 7602468638  
Facility Contact: DANIEL P GALLAGHER GEN MGR  
Agency Name: VICTOR VALLEY WW REC AUTHORITY  
Agency Address: 20111 SHAY RD  
Agency City,St,Zip: VICTORVILLE 92394  
Agency Contact: DANIEL P GALLAGHER GEN MGR  
Agency Telephone: 7602468638  
Agency Type: Special District (Includes districts established under general acts, sanitary districts, water districts irrigation districts, etc.)  
  
SIC Code: 4952  
SIC Code 2: Not reported  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
  
Primary Waste: DOMEST  
Waste Type2: Not reported  
Waste2: Domestic Sewage  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 11  
Baseline Flow: 9  
Reclamation: No reclamation requirements associated with this facility.  
POTW: POTW has a local pretreatment program that has been approved by the U.S. EPA (or the regional board if the state is delegated the Federal Pretreatment Program) as being in conformance with federal prtreatment regulations [40CFR Part 403].  
  
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
  
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.  
  
Name: VICTOR VALLEY MUNI WTP  
Address: 20111 SHAY RD  
City: VICTORVILLE  
Facility ID: South Lahontan 360109001  
Facility Type: Municipal/Domestic - Facility that treats sewage or a mixture of predominantly sewage and other waste from districts, municipalities, communities, hospitals, schools, and publicly or privately owned systems (excluding individual subsurface leaching systems disposing of less than 1,000 gallons per day).  
  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
  
NPDES Number: CA0102822 The 1st 2 characters designate the state. The remaining 7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

are assigned by the Regional Board  
Subregion: 0  
Facility Telephone: 7602468638  
Facility Contact: DANEL P GALLAGHER GEN MGR  
Agency Name: VICTOR VALLEY WW REC AUTHORITY  
Agency Address: 20111 SHAY RD  
Agency City,St,Zip: VICTORVILLE 92394  
Agency Contact: DANIEL P GALLAGHER GEN MGR  
Agency Telephone: 7602468638  
Agency Type: Special District (Includes districts established under general acts, sanitary districts, water districts irrigation districts, etc.)  
SIC Code: 4952  
SIC Code 2: Not reported  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
Primary Waste: DOMEST  
Waste Type2: Not reported  
Waste2: Domestic Sewage  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 10  
Baseline Flow: 6  
Reclamation: No reclamation requirements associated with this facility.  
POTW: Not reported  
Treat To Water: Major Threat to Water Quality. A violation could render unusable a ground water or surface water resource used as a significant drink water supply, require closure of an area used for contact recreation, result in long-term deleterious effects on shell fish spawning or growth areas of aquatic resources, or directly expose the public to toxic substances.  
Complexity: Category A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.  
Name: VICTOR VALLEY WW REGIONAL  
Address: 20111 SHAY RD  
City: VICTORVILLE  
Facility ID: South Lahontan 36I005756  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 0  
Facility Telephone: Not reported  
Facility Contact: Not reported  
Agency Name: VICTOR VALLEY WW REC AUTHORITY

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY MUNI WTP (Continued)**

**S100630883**

Agency Address: 20111 SHAY RD  
 Agency City,St,Zip: VICTORVILLE 92394  
 Agency Contact: DANIEL P GALLAGHER GEN MGR  
 Agency Telephone: 7602468638  
 Agency Type: Special District (Includes districts established under general acts, sanitary districts, water districts irrigation districts, etc.)  
 SIC Code: 4952  
 SIC Code 2: Not reported  
 Primary Waste Type: Not reported  
 Primary Waste: Not reported  
 Waste Type2: Not reported  
 Waste2: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: Not reported  
 POTW: Not reported  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**A20** **BIOGAS POWER SYSTEMS - SHAY ROAD**  
**Target** **20111 SHAY RD.**  
**Property** **VICTORVILLE, CA 92394**

**EMI** **S124454005**  
**N/A**

**Site 20 of 30 in cluster A**

**Actual:**  
**2663 ft.**

**EMI:**  
 Name: BIOGAS POWER SYSTEMS - SHAY ROAD  
 Address: 20111 SHAY RD.  
 City,State,Zip: VICTORVILLE, CA 92394  
 Year: 2017  
 County Code: 36  
 Air Basin: MD  
 Facility ID: 211603465  
 Air District Name: MOJ  
 SIC Code: 4911  
 Air District Name: MOJAVE DESERT AQMD  
 Community Health Air Pollution Info System: Not reported  
 Consolidated Emission Reporting Rule: Not reported  
 Total Organic Hydrocarbon Gases Tons/Yr: 23.099206574  
 Reactive Organic Gases Tons/Yr: 2.150536132  
 Carbon Monoxide Emissions Tons/Yr: 5.37633868  
 NOX - Oxides of Nitrogen Tons/Yr: 2.150536132  
 SOX - Oxides of Sulphur Tons/Yr: 0.290322244  
 Particulate Matter Tons/Yr: 0.32452748491  
 Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.32258032

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BIOGAS POWER SYSTEMS - SHAY ROAD (Continued)**

**S124454005**

Name: BIOGAS POWER SYSTEMS - SHAY ROAD  
Address: 20111 SHAY RD.  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2018  
County Code: 36  
Air Basin: MD  
Facility ID: 3465  
Air District Name: MOJ  
SIC Code: 4911  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 23.099206574  
Reactive Organic Gases Tons/Yr: 2.150536132  
Carbon Monoxide Emissions Tons/Yr: 5.37633868  
NOX - Oxides of Nitrogen Tons/Yr: 2.150536132  
SOX - Oxides of Sulphur Tons/Yr: 0.290322244  
Particulate Matter Tons/Yr: 0.32452748491  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.32258032

Name: BIOGAS POWER SYSTEMS - SHAY ROAD  
Address: 20111 SHAY RD.  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2019  
County Code: 36  
Air Basin: MD  
Facility ID: 3465  
Air District Name: MOJ  
SIC Code: 4911  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 23.099206574  
Reactive Organic Gases Tons/Yr: 2.150536132  
Carbon Monoxide Emissions Tons/Yr: 5.37633868  
NOX - Oxides of Nitrogen Tons/Yr: 2.150536132  
SOX - Oxides of Sulphur Tons/Yr: 0.290322244  
Particulate Matter Tons/Yr: 0.32452748491  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.32258032

**A21  
Target  
Property**

**RECYCLED WATER-VVWRA ADMINISTRATOR  
20111 SHAY ROAD  
VICTORVILLE, CA 92394**

**WDR S122220179  
N/A**

**Site 21 of 30 in cluster A**

**Actual:  
2663 ft.**

WDR:  
Name: RECYCLED WATER-VVWRA ADMINISTRATOR  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Global ID: WDR100036874  
Status: ACTIVE - WDR

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A22**      **VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY**  
**Target**    **20111 SHAY ROAD**  
**Property**   **VICTORVILLE, CA 92394**

**RMP**    **1011841357**  
**N/A**

**Site 22 of 30 in cluster A**

**Actual:**  
**2663 ft.**

RMP:  
 Facility ID: 31355  
 Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
 Address: 20111 SHAY ROAD  
 Address 2: Not reported  
 City,State,Zip: VICTORVILLE, CA 92394  
 LEPC city: Region VI LEPC  
 Facility decimal latitude: 34.616806  
 Facility decimal longitude: -117.356415  
 Is facility in county box: T  
 LatLong method: I4  
 LatLong description: CE  
 Home page web address: Not reported  
 Facility telephone: Not reported  
 Facility email: Not reported  
 Facility DUNS #: 115053571  
 Parents name: Not reported  
 Partners name: Not reported  
 Parents DUNS #: 0  
 Partners DUNS #: 0  
 Operators name: Victor Valley W.R.A  
 Operators telephone: 7602468638  
 Operators address: 20111 Shay Road  
 Operators City,St,Zip: Victorville, CA 92394 8539  
 RMP implementation contact: Marce J. Delaney  
 RMP contact title: Pretreat. & Reg. Compli. Supervisor  
 Emergency contact: Dan Sentman  
 Emergency contact title: Observations & Maintenance Manager  
 Emergency contact telephone: 7602462886  
 24 hour emergency telephone: 7609545083  
 Emergency contact ext/pin #: Not reported  
 Number of full time employees: 34  
 EPA ID: CAD982511511  
 Facility ID provided by CEppo: 100000089325  
 Is facility covered by OSHA PSM: T  
 Is facility covered by EPCRA 302: T  
 Is fac. covered by CAA Title V 112(2): F  
 Clean air op. permit/State ID: Not reported  
 Last safety insp. dat: 2004-05-26 00:00:00  
 Inspected by: Fire Department  
 Is it OSHA approved with star/merit ranking: False  
 Will RMP involve predictive filing: False  
 Submission type: Resubmission  
 RMP description: Not reported  
 Facility has no accident hist. recs: False  
 Foreign owner's address: Not reported  
 Foreign owner's zip: Not reported  
 Foreign owner's country: Not reported  
 Claim # of employees as CBI: False  
 Date RMP accepted by EPA: 2004-07-01 00:00:00  
 Date of error Report: Not reported  
 Date RMP received: 2004-06-11 00:00:00  
 Does RMP contain graphics files: False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Does RMP contain attachments: False  
 Was certification letter received: True  
 RMP submission method: RMP\*Submit  
 Does RMP contain CBI substantiation: False  
 Does RMP contain electronic waiver: False  
 Date RMP postmarked: 2004-06-09 00:00:00  
 Is RMP complete: True  
 Date of de-registration: 2011-01-25 00:00:00  
 Date de-registration is effective: 2010-12-01 00:00:00  
 Anniversary date: 2009-06-09 00:00:00  
 Does RMP contain CBI data: False  
 Does RMP contain unsanitized CBI version: False  
 RMP version #: 3.1  
 FRS latitude: 34.615900000000003  
 FRS longitude: -117.35799  
 FRS Description: PLANT ENTRANCE (GENERAL)  
 FRS Method: ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses:

ER plan most recent review date: Not reported  
 ER plan most recent employee training date: Not reported  
 Local agency coordinating ER plan: Victorville Fire Department  
 Telephone of the coordinating local agency: 7609555227  
 Federal regulation: True  
 OSHA 1910 120: False  
 SPCC: False  
 RCRA: False  
 OPA 90: False  
 EPCRA: True  
 Other Regulations: Not reported

Processes:

Process ID: 45505  
 Optional facility description: Not reported  
 Program level: 3  
 Record contains CBI data: False

Process NAICS:

NAICS code description: Sewage Treatment Facilities

Prevention Program 3:

Safety review date: 2003-04-14 00:00:00  
 Most recent PHA date: 2004-05-26 00:00:00  
 Process Hazard Analysis: What if checklist  
 Expected PHA changes completion date: 2005-05-26 00:00:00  
 Major Hazard: Toxic Release, Fire, Explosion, Overpressurization, Corrosion, Overfilling, Contamination, Equipment failure, Earthquake  
 Process Control: Check valves, Manual shutoffs, Automatic shutoffs, Interlocks, Alarms, Excess flow device  
 Mitigation Systems: Enclosure  
 Monitoring/Detection: Process area detector  
 Changes since the last process hazard analysis: Revision of operating and maintenance procedures  
 Most recent review of op. procedures: 2003-04-14 00:00:00  
 Most recent training progs review/update: 2003-04-14 00:00:00  
 Training: Not reported  
 Competency testing: Demonstration, Observation  
 Most recent maintenance review date: 2003-04-14 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Most recent equipment inspection date: 2003-04-14 00:00:00  
Equipment tested: Chlorine Detector  
Most recent changes by mgmt: Not reported  
Date of most recent review/update: 2003-04-14 00:00:00  
Date of pre-start review: Not reported  
Most recent compliance audit date: 2003-04-14 00:00:00  
Expected date of audit completion: 2005-05-26 00:00:00  
Most recent incident investigation: Not reported  
Expected date of investigation changes: Not reported  
Date of participation plan review: 2003-04-14 00:00:00  
Date of hot work permit review: 2003-04-14 00:00:00  
Date of contractor safety review: 2003-04-14 00:00:00  
Date of contractor safety eval. review: Not reported  
Record has CBI data: False

Process Chemicals:

Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0

Toxics Alt Releases:

Percent weight of chemical: Not reported  
Physical state: c  
Analytical basic: EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables  
or Equations  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 3  
Stability class: D  
Topography: b  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Toxics Worst Case:

Percent weight of chemical: Not reported  
Physical state: c  
Analytical basic: EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables  
or Equations  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: b  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Chemical name: Chlorine  
Process chemical qty in 100s lbs: 30000

Facility ID: 1000015581  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92394  
LEPC city: Region VI LEPC  
Facility decimal latitude: 34.616806  
Facility decimal longitude: -117.356415  
Is facility in county box: T  
LatLong method: I4  
LatLong description: CE  
Home page web address: Not reported  
Facility telephone: Not reported  
Facility email: Not reported  
Facility DUNS #: 115053571  
Parents name: Not reported  
Partners name: Not reported  
Parents DUNS #: 0  
Partners DUNS #: 0  
Operators name: Victor Valley W.R.A  
Operators telephone: 7602468638  
Operators address: 20111 Shay Road  
Operators City,St,Zip: Victorville, CA 92394 8539  
RMP implementation contact: Jome Navarat  
RMP contact title: EH&S, Reg. Compliance Supervisor  
Emergency contact: Jome Navarat  
Emergency contact title: EH&S, Reg. Compliance Supervisor  
Emergency contact telephone: 7602468638  
24 hour emergency telephone: 7602695439  
Emergency contact ext/pin #: 289  
Number of full time employees: 25  
EPA ID: CAD982511511  
Facility ID provided by CEPP0: 100000089325  
Is facility covered by OSHA PSM: T  
Is facility covered by EPCRA 302: T  
Is fac. covered by CAA Title V 112(2): F  
Clean air op. permit/State ID: Not reported  
Last safety insp. dat: 2009-10-27 00:00:00  
Inspected by: OSHA  
Is it OSHA approved with star/merit ranking: False  
Will RMP involve predictive filing: False  
Submission type: Resubmission  
RMP description: Not reported  
Facility has no accident hist. recs: False  
Foreign owner's address: Not reported  
Foreign owner's zip: Not reported  
Foreign owner's country: Not reported  
Claim # of employees as CBI: False  
Date RMP accepted by EPA: 2010-09-16 00:00:00  
Date of error Report: Not reported  
Date RMP received: 2010-09-16 00:00:00  
Does RMP contain graphics files: False

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Does RMP contain attachments: False  
Was certification letter received: True  
RMP submission method: RMP\*eSubmit  
Does RMP contain CBI substantiation: False  
Does RMP contain electronic waiver: False  
Date RMP postmarked: 2010-09-16 00:00:00  
Is RMP complete: True  
Date of de-registration: 2011-01-25 00:00:00  
Date de-registration is effective: 2010-12-01 00:00:00  
Anniversary date: 2015-09-16 00:00:00  
Does RMP contain CBI data: False  
Does RMP contain unsanitized CBI version: False  
RMP version #: 1.0  
FRS latitude: 34.615900000000003  
FRS longitude: -117.35799  
FRS Description: PLANT ENTRANCE (GENERAL)  
FRS Method: ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses:

ER plan most recent review date: 2010-03-31 00:00:00  
ER plan most recent employee training date: 2010-03-31 00:00:00  
Local agency coordinating ER plan: Victorville Fire Department  
Telephone of the coordinating local agency: 7609555227  
Federal regulation: True  
OSHA 1910 120: False  
SPCC: False  
RCRA: False  
OPA 90: False  
EPCRA: True  
Other Regulations: Not reported

Processes:

Process ID: 1000019529  
Optional facility description: Not reported  
Program level: 3  
Record contains CBI data: False

Process NAICS:

NAICS code description: Sewage Treatment Facilities

Prevention Program 3:

Safety review date: 2009-06-30 00:00:00  
Most recent PHA date: 2009-06-30 00:00:00  
Process Hazard Analysis: What if checklist  
Expected PHA changes completion date: 2011-06-30 00:00:00  
Major Hazard: Toxic Release, Fire, Explosion, Overpressurization, Corrosion, Overfilling, Contamination, Equipment failure, Earthquake  
Process Control: Check valves, Manual shutoffs, Automatic shutoffs, Interlocks, Alarms, Excess flow device  
Mitigation Systems: Enclosure  
Monitoring/Detection: Process area detector  
Changes since the last process hazard analysis: Revision of operating and maintenance procedures  
Most recent review of op. procedures: 2010-07-01 00:00:00  
Most recent training progs review/update: 2010-07-01 00:00:00  
Training: Not reported  
Competency testing: Demonstration, Observation  
Most recent maintenance review date: 2010-07-01 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Most recent equipment inspection date: 2010-07-01 00:00:00  
Equipment tested: Chlorine Detector  
Most recent changes by mgmt: Not reported  
Date of most recent review/update: 2010-07-01 00:00:00  
Date of pre-start review: Not reported  
Most recent compliance audit date: 2009-12-01 00:00:00  
Expected date of audit completion: 2011-06-30 00:00:00  
Most recent incident investigation: Not reported  
Expected date of investigation changes: Not reported  
Date of participation plan review: 2010-07-01 00:00:00  
Date of hot work permit review: 2010-07-01 00:00:00  
Date of contractor safety review: 2010-07-01 00:00:00  
Date of contractor safety eval. review: 2010-07-01 00:00:00  
Record has CBI data: False

Process Chemicals:

Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0

Toxics Alt Releases:

Percent weight of chemical: Not reported  
Physical state: c  
Analytical basic: EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables  
or Equations  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 3  
Stability class: D  
Topography: b  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported  
Active mitigation: Not reported

Toxics Worst Case:

Percent weight of chemical: Not reported  
Physical state: c  
Analytical basic: EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables  
or Equations  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: b  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Chemical name:	Chlorine
Process chemical qty in 100s lbs:	30000
Facility ID:	7220
Name:	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Address:	20111 SHAY ROAD
Address 2:	Not reported
City,State,Zip:	VICTORVILLE, CA 92394
LEPC city:	Region VI LEPC
Facility decimal latitude:	34.616806
Facility decimal longitude:	-117.356417
Is facility in county box:	T
LatLong method:	I4
LatLong description:	CE
Home page web address:	Not reported
Facility telephone:	Not reported
Facility email:	vvwra@primenet.com
Facility DUNS #:	115053571
Parents name:	Not reported
Partners name:	Not reported
Parents DUNS #:	0
Partners DUNS #:	0
Operators name:	Victor Valley W.R.A.
Operators telephone:	7602468638
Operators address:	20111 Shay Road
Operators City,St,Zip:	Victorville, CA 92394 8539
RMP implementation contact:	Bruce Correia
RMP contact title:	Safety & Training Coordinator
Emergency contact:	Bruce Correia
Emergency contact title:	Safety & Training Coordinator
Emergency contact telephone:	7602268638
24 hour emergency telephone:	7602413765
Emergency contact ext/pin #:	Not reported
Number of full time employees:	23
EPA ID:	CAD982511511
Facility ID provided by CEPP0:	100000089325
Is facility covered by OSHA PSM:	T
Is facility covered by EPCRA 302:	T
Is fac. covered by CAA Title V 112(2):	F
Clean air op. permit/State ID:	Not reported
Last safety insp. dat:	1998-09-25 00:00:00
Inspected by:	City of Victorville Fire Department
Is it OSHA approved with star/merit ranking:	False
Will RMP involve predictive filing:	False
Submission type:	First Time
RMP description:	Not reported
Facility has no accident hist. recs:	True
Foreign owner's address:	Not reported
Foreign owner's zip:	Not reported
Foreign owner's country:	Not reported
Claim # of employees as CBI:	False
Date RMP accepted by EPA:	1999-07-06 00:00:00
Date of error Report:	Not reported
Date RMP received:	1999-06-21 00:00:00
Does RMP contain graphics files:	False

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Does RMP contain attachments: False  
 Was certification letter received: True  
 RMP submission method: RMP\*Submit  
 Does RMP contain CBI substantiation: False  
 Does RMP contain electronic waiver: False  
 Date RMP postmarked: 1999-06-16 00:00:00  
 Is RMP complete: True  
 Date of de-registration: 2011-01-25 00:00:00  
 Date de-registration is effective: 2010-12-01 00:00:00  
 Anniversary date: 2004-06-16 00:00:00  
 Does RMP contain CBI data: False  
 Does RMP contain unsanitized CBI version: False  
 RMP version #: 1.1.7  
 FRS latitude: 34.615900000000003  
 FRS longitude: -117.35799  
 FRS Description: PLANT ENTRANCE (GENERAL)  
 FRS Method: ADDRESS MATCHING-HOUSE NUMBER

Emergency Responses:

ER plan most recent review date: Not reported  
 ER plan most recent employee training date: Not reported  
 Local agency coordinating ER plan: Victorville Fire Department  
 Telephone of the coordinating local agency: 7609555227  
 Federal regulation: True  
 OSHA 1910 120: True  
 SPCC: False  
 RCRA: False  
 OPA 90: False  
 EPCRA: True  
 Other Regulations: Not reported

Processes:

Process ID: 8708  
 Optional facility description: Wastewater Treatment  
 Program level: 3  
 Record contains CBI data: False

Process NAICS:

NAICS code description: Sewage Treatment Facilities

Prevention Program 3:

Safety review date: 1999-02-01 00:00:00  
 Most recent PHA date: 1999-03-03 00:00:00  
 Process Hazard Analysis: What if, Checklist, HAZOP  
 Expected PHA changes completion date: 2000-03-01 00:00:00  
 Major Hazard: Toxic Release, Fire, Overpressurization, Equipment failure, Cooling loss, Earthquake  
 Process Control: Vents, Manual shutoffs, Automatic shutoffs, Interlocks, Alarms  
 Mitigation Systems: Fire walls, Enclosure  
 Monitoring/Detection: Process area detector  
 Changes since the last process hazard analysis: Revision of operating & maintenance procedures, and emergency response training  
 Most recent review of op. procedures: 1999-04-30 00:00:00  
 Most recent training progs review/update: 1999-04-30 00:00:00  
 Training: Not reported  
 Competency testing: Demonstration, Observation  
 Most recent maintenance review date: 1999-04-30 00:00:00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Most recent equipment inspection date: 1999-04-30 00:00:00  
Equipment tested: chlorine detectors tested  
Most recent changes by mgmt: Not reported  
Date of most recent review/update: 1999-03-19 00:00:00  
Date of pre-start review: Not reported  
Most recent compliance audit date: Not reported  
Expected date of audit completion: Not reported  
Most recent incident investigation: Not reported  
Expected date of investigation changes: Not reported  
Date of participation plan review: 1999-03-19 00:00:00  
Date of hot work permit review: 1999-03-19 00:00:00  
Date of contractor safety review: 1999-03-19 00:00:00  
Date of contractor safety eval. review: Not reported  
Record has CBI data: False

**Process Chemicals:**

Chemical name: Public OCA Chemical  
Process chemical qty in 100s lbs: 0

**Toxics Alt Releases:**

Percent weight of chemical: Not reported  
Physical state: c  
Analytical basic: EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables  
or Equations  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: Not reported  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 3  
Stability class: D  
Topography: b  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Enclosures  
Active mitigation: Emergency shutdown

**Toxics Worst Case:**

Percent weight of chemical: Not reported  
Physical state: c  
Analytical basic: EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables  
or Equations  
Scenario: Not reported  
Quantity released in pounds: Not reported  
Release duration in minutes: 10  
Release rate in pounds per second: Not reported  
Wind speed in meters/second: 1.5  
Stability class: F  
Topography: b  
Distance to endpoint in miles: Not reported  
Residential population: Not reported  
Public receptors: Not reported  
Environmental receptors: Not reported  
Passive mitigation: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1011841357**

Chemical name: Chlorine  
 Process chemical qty in 100s lbs: 30000

**A23  
 Target  
 Property**

**20111 SHAY ROAD  
 VICTORVILLE, CA 92394**

**ERNS 2008878806  
 N/A**

**Site 23 of 30 in cluster A**

**Actual:  
 2663 ft.**

Incident Commons:  
 NRC Report #: 878806  
 Description of Incident: CALLER REPORTED THAT THE WASTE WATER TREATMENT PLANT IS DISCHARGING GRAY WATER (RAW SEWAGE) INTO THE MOHAVE RIVER. THE OK CORRAL OSTRICH RANCH IS ANOTHER LOCATION WHERE TO SEWAGE IS GOING TO.

Type of Incident: FIXED  
 Incident Cause: OPERATOR ERROR  
 Incident Date Time: 2008-07-29 06:00:00  
 Incident DTG: OCCURRED  
 Incident Location: Not reported  
 Location Address: 20111 SHAY ROAD  
 Location Street 1: Not reported  
 Location Street 2: Not reported  
 Location Nearest City: VICTORVILLE  
 Location State: CA  
 Location County: SAN BERNARDINO  
 Location Zip: 92394  
 Distance From City: Not reported  
 Distance Units: Not reported  
 Direction From City: Not reported  
 Lat Deg: Not reported  
 Lat Min: Not reported  
 Lat Sec: Not reported  
 Lat Quad: Not reported  
 Long Deg: Not reported  
 Long Min: Not reported  
 Long Sec: Not reported  
 Long Quad: Not reported  
 Location Section: Not reported  
 Location Township: Not reported  
 Location range: Not reported  
 Potential Range: N

Incidents:  
 NRC Report #: 878806  
 Aircraft Type: Not reported  
 Aircraft Model: Not reported  
 Aircraft ID: Not reported  
 Aircraft Fuel Capacity: Not reported  
 Aircraft Fuel Capacity Units: Not reported  
 Aircraft Fuel on Board: Not reported  
 Aircraft Fuel on Board Units: Not reported  
 Aircraft Spot Number: Not reported  
 Aircraft Hanger: Not reported  
 Aircraft Runway Number: Not reported  
 Road Mile Marker: Not reported  
 Building ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008878806

Type of Fixed Object:	WATER TREATMENT FACILITY
Power Generating Facility:	N
Generating Capacity:	Not reported
Type of Fuel:	Not reported
NPDES:	Not reported
NPDES Compliance:	U
Pipeline Type:	Not reported
DOT Regulated:	U
Pipeline Above Ground:	ABOVE
Exposed Underwater:	N
Pipeline Covered:	U
Railroad Hotline:	Not reported
Grade Crossing:	U
Location Subdivision:	Not reported
Railroad Milepost:	Not reported
Type Vehicle Involved:	Not reported
Crossing Device Type:	Not reported
Device Operational:	Y
DOT Crossing Number:	Not reported
Brake Failure:	U
Description of Tank:	Not reported
Tank Above Ground:	ABOVE
Transportable Container:	U
Tank Regulated:	U
Tank Regulated By:	Not reported
Tank ID:	Not reported
Capacity of Tank:	Not reported
Capacity of Tank Units:	Not reported
Actual Amount:	Not reported
Actual Amount Units:	Not reported
Platform Rig Name:	Not reported
Platform Letter:	Not reported
Location Area ID:	Not reported
Location Block ID:	Not reported
OCSG Number:	Not reported
OCSP Number:	Not reported
State Lease Number:	Not reported
Pier Dock Number:	Not reported
Berth Slip Number:	Not reported
Continuous Release Type:	Not reported
Initial Continuous Release No:	Not reported
Continuous Release Permit:	Not reported
Allision:	U
Type of Structure:	Not reported
Structure Name:	Not reported
Structure Operational:	U
Airbag Deployed:	U
Date Tiem Normal Service:	Not reported
Service Disruption Time:	Not reported
Service Disruption Units:	Not reported
Transit Bus Flag:	Not reported
CR Begin Date:	Not reported
CR End Date:	Not reported
CR Change Date:	Not reported
FBI Contact:	Not reported
FBI Contact Date Time:	Not reported
Sub Part C Testing Req:	XXX

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008878806

Conductor Testing: Not reported  
Engineer Testing: Not reported  
Trainman Testing: Not reported  
Yard Foreman Testing: Not reported  
RCL Operator Testing: Not reported  
Brakeman Testing: Not reported  
Train Dispatcher Testing: Not reported  
Signalman Testing: Not reported  
Other Employee Testing: Not reported  
Unknown Testing: Not reported  
Passenger Handling: Not reported  
Passenger Route: XXX  
Passenger Delay: XXX

Incident Details:

NRC Report #: 878806  
Fire Involved: N  
Fire Extinguished: U  
Any Evacuations: N  
Number Evacuated: Not reported  
Who Evacuated: Not reported  
Radius of Evacuation: Not reported  
Any Injuries: N  
Number Injured: Not reported  
Number Hospitalized: Not reported  
Any Fatalities: N  
Number Fatalities: Not reported  
Any Damages: N  
Damage Amount: Not reported  
Air Corridor Closed: N  
Air Corridor Desc: Not reported  
Air Closure Time: Not reported  
Waterway Closed: N  
Waterway Desc: Not reported  
Waterway Closure Time: Not reported  
Road Closed: N  
Road Desc: Not reported  
Road Closure Time: Not reported  
Closure Direction: Not reported  
Major Artery: N  
Track Closed: N  
Track Desc: Not reported  
Track Closure Time: Not reported  
Media Interest: NONE  
Medium Desc: WATER  
Additional Medium Info: MOHAVE RIVER  
Body of Water: MOHAVE RIVER  
Tributary of: Not reported  
Release Secured: U  
Estimated Duration of Release: Not reported  
Release rate: Not reported  
Desc Remedial Action: NOTIFIED LOCAL AUTHORITIES BUT NOTHING HAS BEEN DONE AS OF YET.  
State Agency on Scene: Not reported  
State Agency Report Number: NO REPORT #  
Other Agency Notified: Not reported  
Weather Conditions: CLEAR  
Air Temperature: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

2008878806

Wind Speed: Not reported  
Wind Direction: Not reported  
Water Supply Contaminated: Y  
Sheen Size: Not reported  
Sheen Color: Not reported  
Direction of Sheen Travel: Not reported  
Sheen Odor Description: Not reported  
Wave Condition: Not reported  
Current Speed: Not reported  
Current Direction: Not reported  
Water Temperature: Not reported  
Track Close Dir: Not reported  
Empl Fatality: Not reported  
Pass Fatality: Not reported  
Community Impact: Not reported  
Wind Speed Unit: Not reported  
Employee Injuries: Not reported  
Passenger Injuries: Not reported  
Occupant Fatality: Not reported  
Current Speed Unit: Not reported  
Road Closure Units: Not reported  
Track Closure Units: Not reported  
Sheen Size Units: Not reported  
Additional Info: NONE  
State Agency Notified: LOACAL AUTHORITIES  
Federal Agency Notified: NONE  
nearest River Mile Marker: Not reported  
Sheen Size Length: Not reported  
Sheen Size Length Units: Not reported  
Sheen Size Width: Not reported  
Sheen Size Width Units: Not reported  
Offshore: N  
Duration Unit: Not reported  
Release Rate Unit: Not reported  
Release Rate Rate: Not reported  
Passengers Transferred: NO

Calls:

NRC Report #: 878806  
Site ID: 2008878806  
Date Time Received: 2008-07-29 09:04:43  
Date Time Complete: 2008-07-29 09:22:21  
Call Type: INC  
Responsible Company: VICTOR VALLEY WASTE WATER RECLAMATION  
Responsible Org Type: PRIVATE CITIZEN  
Responsible City: VICTORVILLE  
Responsible State: CA  
Responsible Zip: 92394  
On Behalf: N  
Source: TELEPHONE

Material Involved:

NRC Report #: 878806  
Chris Code: NCC  
Case Number: 000000-00-0  
UN Number: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**2008878806**

Amount of Material: 0  
 Unit of Measure: UNKNOWN AMOUNT  
 Name of Material: RAW SEWAGE  
 If Reached Water: YES  
 Amount in Water: 0  
 Unit of Measure Reach Water: UNKNOWN AMOUNT

**A24**      **VICTOR VALLEY WASTEWATER CS**  
**Target**    **20111 SHAY**  
**Property**   **VICTORVILLE, CA 92394**

**CERS**    **S123503613**  
**N/A**

**Site 24 of 30 in cluster A**

**Actual:**  
**2663 ft.**

**CERS:**  
 Name: VICTOR VALLEY WASTEWATER CS  
 Address: 20111 SHAY  
 City,State,Zip: VICTORVILLE, CA 92394  
 Site ID: 169065  
 CERS ID: 631088  
 CERS Description: Sewager Spills

**Violations:**  
 Site ID: 169065  
 Site Name: Victor Valley Wastewater CS  
 Violation Date: 12-07-2010  
 Citation: California Water Code  
 Violation Description: Not reported  
 Violation Notes: On December 7, 2010 staff was notified of a SSO at the Intersection of I Avenue and Lemon Avenue, Hesperia. Estimated release was 222,519 gallons of untreated sewage. Cause of spill was due to routine maintenance activities. Violates Board Order No. 2006-003-DWQ, WDR C.1.  
 Violation Division: Water Boards  
 Violation Program: SSOMUNISML  
 Violation Source: CIWQS,

Site ID: 169065  
 Site Name: Victor Valley Wastewater CS  
 Violation Date: 12-25-2007  
 Citation: California Water Code  
 Violation Description: Not reported  
 Violation Notes: Plugged manhole resulted in a 49,000 gal overflow of untreated sewage from the VVWRA trunk line.  
 Violation Division: Water Boards  
 Violation Program: SSOMUNISML  
 Violation Source: CIWQS,

**Evaluation:**  
 Eval General Type: Case Development Inspection  
 Eval Date: 12-28-2007  
 Violations Found: No  
 Eval Type: Field Oversight  
 Eval Notes: Not reported  
 Eval Division: Water Boards  
 Eval Program: SSOMUNISML  
 Eval Source: CIWQS,

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTEWATER CS (Continued)**

**S123503613**

Eval General Type: Complaint Inspection  
 Eval Date: 09-14-2015  
 Violations Found: No  
 Eval Type: Complaint Inspection  
 Eval Notes: Not reported  
 Eval Division: Water Boards  
 Eval Program: SSOMUNISML  
 Eval Source: CIWQS,

**Enforcement Action:**

Site ID: 169065  
 Site Name: Victor Valley Wastewater CS  
 Site Address: 20111 SHAY  
 Site City: VICTORVILLE  
 Site Zip: 92394  
 Enf Action Date: 12-22-2010  
 Enf Action Type: Notice of Violation (Water)  
 Enf Action Description: Notice of Violation Letter (Informal)  
 Enf Action Notes: Not reported  
 Enf Action Division: Water Boards  
 Enf Action Program: SSOMUNISML  
 Enf Action Source: CIWQS,

Site ID: 169065  
 Site Name: Victor Valley Wastewater CS  
 Site Address: 20111 SHAY  
 Site City: VICTORVILLE  
 Site Zip: 92394  
 Enf Action Date: 12-31-2007  
 Enf Action Type: Notice of Violation (Water)  
 Enf Action Description: Notice of Violation Letter (Informal)  
 Enf Action Notes: Not reported  
 Enf Action Division: Water Boards  
 Enf Action Program: SSOMUNISML  
 Enf Action Source: CIWQS,

**A25** VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
**Target** 20111 SHAY ROAD  
**Property** VICTORVILLE, CA 92394

**FINDS** 1004443485  
**ECHO** N/A

**Site 25 of 30 in cluster A**

**Actual:** FINDS:  
**2663 ft.** Registry ID: 110000517637

[Click Here for FRS Facility Detail Report:](#)

**Environmental Interest/Information System:**

AIR SYNTHETIC MINOR  
 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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY (Continued)**

**1004443485**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

OSHA ESTABLISHMENT

STATE MASTER

ETHANOL FACILITY

US EPA Risk Management Plan (RMP) database stores the risk management plans reported by companies that handle, manufacture, use, or store certain flammable or toxic substances, as required under section 112(r) of the Clean Air Act (CAA).

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and its Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1004443485  
Registry ID: 110000517637  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000517637>  
Name: VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394

**A26  
Target  
Property**

**20111 SHAY ROAD  
VICTORVILLE, CA 92394**

**CHMIRS S109464119  
N/A**

**Site 26 of 30 in cluster A**

**Actual:  
2663 ft.**

CHMIRS:  
Name: Not reported  
Address: 20111 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
OES Incident Number: 08-5510  
OES notification: 07/29/2008  
OES Date: Not reported  
OES Time: Not reported  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S109464119

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
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:	Mojave River
Spill Site:	Residence
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Unknown
Other:	Not reported
Date/Time:	0600
Year:	2008
Agency:	NRC
Incident Date:	7/29/2008
Admin Agency:	Victorville Fire Department
Amount:	Not reported
Contained:	Unknown
Site Type:	Mojave River
E Date:	Not reported
Substance:	raw sewage
Quantity Released:	unk
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S109464119**

Description: per NRC fax: "Caller reported that the waste water treatment plant is discharging gray water (raw sewage) into the Mojave River. The OK Corral Ostrich ranch is another location where the sewage is going." Remedial Actions: Notified local authorities but nothing has been done as of yet.

**A27**      **VVWRA CENTRAL TREATMENT PLANT**  
**Target**    **20111 SHAY RD**  
**Property**   **VICTORVILLE, CA 92392**

**HIST UST**    **U001575817**  
**N/A**

**Site 27 of 30 in cluster A**

**Actual:**  
**2663 ft.**

HIST UST:  
 Name: VVWRA CENTRAL TREATMENT PLANT  
 Address: 20111 SHAY RD  
 City,State,Zip: VICTORVILLE, CA 92392  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000046659  
 Facility Type: Other  
 Other Type: WASTEWATER TREATMENT  
 Contact Name: KEITH E. ISRAEL  
 Telephone: 6192468638  
 Owner Name: VICTOR VALLEY WASTEWATER RECLA  
 Owner Address: 20111 SHAY ROAD  
 Owner City,St,Zip: VICTORVILLE, CA 92392  
 Total Tanks: 0002

Tank Num: 001  
 Container Num: T1507.3  
 Year Installed: 1978  
 Tank Capacity: 00001000  
 Tank Used for: PRODUCT  
 Type of Fuel: Not reported  
 Container Construction Thickness: .1875  
 Leak Detection: None

Tank Num: 002  
 Container Num: T1507.20  
 Year Installed: 1978  
 Tank Capacity: 00001000  
 Tank Used for: WASTE  
 Type of Fuel: WASTE OIL  
 Container Construction Thickness: .1875  
 Leak Detection: None

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A28  
 Target  
 Property**

**VICTOR VAL WASTEWATER FACILITY  
 20111 SHAY RD  
 VICTORVILLE, CA**

**RGA LUST**

**S114718807  
 N/A**

**Site 28 of 30 in cluster A**

**Actual:  
 2663 ft.**

RGA LUST:

- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2012 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2011 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2010 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2009 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2008 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2007 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2006 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2005 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2003 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD
- City: VICTORVILLE
- State: VICTORVILLE
- 2002 VICTOR VAL WASTEWATER FACILITY 20111 SHAY RD
- Name: VICTOR VAL WASTEWATER FACILITY
- Address: 20111 SHAY RD

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VAL WASTEWATER FACILITY (Continued)**

**S114718807**

City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	2001 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	2000 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	1998 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	1997 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	1996 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	1995 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	1994 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD
Address:	VICTOR VAL WASTEWATER FACILITY	
Address:	2011 SHAY RD	
City:	VICTORVILLE	
State:	VICTORVILLE	
Name:	1993 VICTOR VAL WASTEWATER FACILITY	2011 SHAY RD

**A29  
 Target  
 Property**

**VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY  
 2011 SHAY ROAD  
 VICTORVILLE, CA**

**AST A100337173  
 N/A**

**Site 29 of 30 in cluster A**

**Actual:  
 2663 ft.**

AST:	
Name:	VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY
Address:	2011 SHAY ROAD
City/Zip:	VICTORVILLE,
Certified Unified Program Agencies:	Victorville
Owner:	Not reported
Total Gallons:	1,500
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY (Continued)**

**A100337173**

Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

**A30**  
**Target**  
**Property**

**1X VICTOR VALLEY WASTE WATER**  
**20111 SHAY RD EXTENTION**  
**VICTORVILLE, CA 92394**

**HAZNET** **S123748359**  
**HWTS** **N/A**

**Site 30 of 30 in cluster A**

**Actual:**  
**2663 ft.**

<b>HAZNET:</b>	
Name:	1X VICTOR VALLEY WASTE WATER
Address:	20111 SHAY RD EXTENTION
Address 2:	Not reported
City,State,Zip:	VICTORVILLE, CA 923940000
Contact:	BARKLEY, TACEY/SECRETARY
Telephone:	6192468638
Mailing Name:	Not reported
Mailing Address:	PO BOX 1481
Year:	1992
Gepaid:	CAC000823224
TSD EPA ID:	CAT080013352
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	R01 - Recycler
Tons:	0.834
<b>HWTS:</b>	
Name:	1X VICTOR VALLEY WASTE WATER
Address:	20111 SHAY RD EXTENTION
Address 2:	Not reported
City,State,Zip:	VICTORVILLE, CA 92394
EPA ID:	CAC000823224
Inactive Date:	10/25/2000
Create Date:	09/10/1992
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 1481
Mailing Address 2:	Not reported
Mailing City,State,Zip:	VICTORVILLE, CA 923920000
Owner Name:	VICTOR VALLEY WASTE WATER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1X VICTOR VALLEY WASTE WATER (Continued)**

**S123748359**

Owner Address: Not reported  
Owner Address 2: Not reported  
Owner City,State,Zip: Not reported  
Contact Name: BARKLEY, TACEY/SECRETARY  
Contact Address: Not reported  
Contact Address 2: Not reported  
City,State,Zip: Not reported  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: STATE  
Latitude: 34.611193  
Longitude: -117.356141

**DOD  
Region**

**GEORGE AFB**

**DOD CUSA401166  
N/A**

, CA

< 1/8  
1 ft.

DOD:

Site Name: GEORGE AFB  
DOD Component: AF Active  
Joint Base: N/A  
Operating Status: CARE (Caretaker): 90% or more of the associated asset(s) have minimum maintenance for safety and security and are in CARE operational status.

**NPL  
Region**

**GEORGE AIR FORCE BASE  
AIR BASE RD- NR ST RTE 395  
VICTORVILLE, CA 92392**

**NPL 1000357265  
SEMS CA2570024453  
CORRACTS  
RCRA-TSDF  
RCRA-LQG  
US ENG CONTROLS  
US INST CONTROLS  
HIST UST  
ROD  
RAATS  
PRP**

< 1/8  
1 ft.

NPL:

EPA Region: 9  
EPA ID: CA2570024453  
Site ID: 902737  
Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
City,State,Zip: VICTORVILLE, CA 92392  
Federal: Y  
Final Date: 1990-02-21 00:00:00  
Latitude: 34.595  
Longitude: -117.3833  
Site Score: 33.619999999999997  
NAI: Not reported  
Native American Entity: Not reported

NPL:

NPL Status: Currently on the Final NPL  
Substance ID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

CAS Number:	Not reported
Substance:	Not reported
Pathway:	Not reported
Scoring:	Not reported
NPL Status:	Currently on the Final NPL
Substance ID:	U019
CAS Number:	71-43-2
Substance:	BENZENE
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U044
CAS Number:	67-66-3
Substance:	CHLOROFORM
Pathway:	GROUND WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	U077
CAS Number:	107-06-2
Substance:	DICHLOROETHANE, 1,2-
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U080
CAS Number:	75-09-2
Substance:	METHYLENE CHLORIDE
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	U228
CAS Number:	79-01-6
Substance:	TRICHLOROETHYLENE (TCE)
Pathway:	GROUND WATER PATHWAY
Scoring:	2

Summary Details:

Conditions at proposal July 14, 1989): George Air Force Base (GAFB) occupies 5,347 acres in the Mojave Desert region near Victorville, San Bernardino County, California. It was established in 1941 to conduct tactical fighter operations and provide training for aircraft and maintenance personnel. Industrial operations, including maintenance of aircraft and ground support equipment, involved use and disposal of solvents. GAFB is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. During IRP tests conducted between March and May 1986, the Air Force discovered trichloroethylene (TCE) in ground water on and off the base. The northeast section of GAFB, used for disposal of solvents, appears to be one source of the contamination, although several other areas on the base are also suspected of contributing to the contamination. In addition to TCE, benzene and 1,2-dichloroethane were detected in on-base monitoring wells at levels that exceed State and Federal drinking water standards. An estimated 11,000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

people obtain drinking water from wells within 3 miles of hazardous substances on the base. The wells are upgradient of known contamination. GAFB has installed additional wells to determine the extent of TCE contamination. Remedial action is planned to recover, treat, and dispose of contaminated ground water. The California Regional Water Quality Control Board is reviewing GAFB's workplan for these activities. GAFB is in the process of contracting for the remedial action. Status February 21, 1990): GAFB has contracted for the remedial action, which is scheduled to begin early in 1990.

NPL:

NPL Status: Currently on the Final NPL  
Category Description: Depth To Aquifer-<= 10 Feet  
Category Value: 0

NPL Status: Currently on the Final NPL  
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile  
Category Value: 10

NPL:

NPL Name: GEORGE AIR FORCE BASE

NPL:

EPA Region: 09  
Site ID: 0902737  
Site Status: F  
Federal Site: Y  
Date Deleted: Not reported  
Date Finalized: 02/21/90  
Date Proposed: 07/14/89

NPL:

Proposed Date: 07/14/1989  
Final Date: 02/21/1990  
Deleted Date: Not reported  
NPL Status: Final

SEMS:

Site ID: 0902737  
EPA ID: CA2570024453  
Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392  
Cong District: 08,25  
FIPS Code: 06071  
Latitude: +34.595000  
Longitude: -117.383300  
FF: Y  
NPL: Currently on the Final NPL  
Non NPL Status: Not reported

SEMS Detail:

Region: 09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00  
Action Code: AR  
Action Name: ADMIN REC  
SEQ: 1  
Start Date: 2000-07-24 04:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00  
Action Code: NF  
Action Name: NPL FINL  
SEQ: 1  
Start Date: 1990-02-21 05:00:00  
Finish Date: 1990-02-21 05:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00  
Action Code: HR  
Action Name: HAZRANK  
SEQ: 1  
Start Date: 1987-06-01 04:00:00  
Finish Date: 1987-06-01 04:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00  
Action Code: NP  
Action Name: PROPOSED  
SEQ: 1  
Start Date: 1989-07-14 04:00:00  
Finish Date: 1989-07-14 04:00:00  
Qual: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	05
Action Code:	RO
Action Name:	ROD
SEQ:	5
Start Date:	2015-05-28 05:00:00
Finish Date:	2015-05-28 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	01
Action Code:	LV
Action Name:	FF RV
SEQ:	1
Start Date:	1990-09-21 04:00:00
Finish Date:	1992-02-01 05:00:00
Qual:	P
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	03
Action Code:	OM
Action Name:	OM
SEQ:	2
Start Date:	2000-01-03 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	00
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Start Date: 2000-03-30 05:00:00  
Finish Date: 2001-03-30 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00  
Action Code: SI  
Action Name: SI  
SEQ: 1  
Start Date: 1987-06-01 04:00:00  
Finish Date: 1987-06-01 04:00:00  
Qual: L  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 02  
Action Code: LV  
Action Name: FF RV  
SEQ: 2  
Start Date: 1990-09-21 04:00:00  
Finish Date: 1992-05-01 04:00:00  
Qual: C  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: RO  
Action Name: ROD  
SEQ: 2  
Start Date: 1998-10-05 04:00:00  
Finish Date: 1998-10-05 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 1987-06-01 04:00:00  
Finish Date: 1987-06-01 04:00:00  
Qual: L  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 3  
Start Date: 1991-08-27 04:00:00  
Finish Date: 1998-10-05 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LV  
Action Name: FF RV  
SEQ: 6  
Start Date: 1995-03-17 05:00:00  
Finish Date: 2003-08-20 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 01  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 1  
Start Date: 1990-09-21 04:00:00  
Finish Date: 1994-03-07 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

GEORGE AIR FORCE BASE (Continued)

1000357265

NPL:	F
FF:	Y
OU:	01
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1994-03-07 05:00:00
Finish Date:	1994-03-07 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	01
Action Code:	ED
Action Name:	R/H ASMT
SEQ:	1
Start Date:	1992-08-26 04:00:00
Finish Date:	1992-08-26 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	01
Action Code:	JF
Action Name:	ECO RISK
SEQ:	1
Start Date:	1992-08-26 04:00:00
Finish Date:	1992-08-26 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	02
Action Code:	EE
Action Name:	EE/CA
SEQ:	1
Start Date:	1991-12-15 05:00:00
Finish Date:	1991-12-15 05:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LV  
Action Name: FF RV  
SEQ: 7  
Start Date: 1995-03-17 05:00:00  
Finish Date: 2003-08-20 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LV  
Action Name: FF RV  
SEQ: 8  
Start Date: 1996-04-07 05:00:00  
Finish Date: Not reported  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LV  
Action Name: FF RV  
SEQ: 9  
Start Date: 1991-01-07 05:00:00  
Finish Date: 1992-02-28 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LV  
Action Name: FF RV  
SEQ: 10  
Start Date: 1996-03-29 05:00:00  
Finish Date: Not reported  
Qual: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	03
Action Code:	LV
Action Name:	FF RV
SEQ:	11
Start Date:	1995-03-17 05:00:00
Finish Date:	2003-08-27 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	03
Action Code:	LV
Action Name:	FF RV
SEQ:	12
Start Date:	2000-09-30 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	03
Action Code:	LV
Action Name:	FF RV
SEQ:	13
Start Date:	1995-03-17 05:00:00
Finish Date:	2003-08-27 04:00:00
Qual:	Not reported
Current Action Lead:	Fed Fac
Region:	09
Site ID:	0902737
EPA ID:	CA2570024453
Site Name:	GEORGE AIR FORCE BASE
NPL:	F
FF:	Y
OU:	03
Action Code:	LV
Action Name:	FF RV
SEQ:	15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Start Date: 2002-07-07 04:00:00  
Finish Date: 2003-01-13 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 05  
Action Code: LV  
Action Name: FF RV  
SEQ: 16  
Start Date: 2002-09-20 04:00:00  
Finish Date: 2003-09-26 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LV  
Action Name: FF RV  
SEQ: 17  
Start Date: 1996-03-12 05:00:00  
Finish Date: 2005-04-29 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 05  
Action Code: LV  
Action Name: FF RV  
SEQ: 19  
Start Date: 2000-08-07 04:00:00  
Finish Date: 2002-04-01 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 05

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Action Code: LV  
Action Name: FF RV  
SEQ: 20  
Start Date: 1998-11-14 05:00:00  
Finish Date: 1999-02-26 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 05  
Action Code: LV  
Action Name: FF RV  
SEQ: 21  
Start Date: 2006-06-16 04:00:00  
Finish Date: 2014-02-14 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 05  
Action Code: LV  
Action Name: FF RV  
SEQ: 22  
Start Date: 2006-06-16 04:00:00  
Finish Date: 2014-02-14 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 01  
Action Code: FS  
Action Name: FS  
SEQ: 1  
Start Date: 2010-02-18 05:00:00  
Finish Date: 2013-12-31 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

NPL: F  
FF: Y  
OU: 05  
Action Code: FS  
Action Name: FS  
SEQ: 2  
Start Date: 2010-08-31 04:00:00  
Finish Date: 2013-12-31 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1980-08-01 04:00:00  
Finish Date: 1980-08-01 04:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

Region: 09  
Site ID: 0902737  
EPA ID: CA2570024453  
Site Name: GEORGE AIR FORCE BASE  
NPL: F  
FF: Y  
OU: 03  
Action Code: LW  
Action Name: FF RI/FS  
SEQ: 4  
Start Date: 2015-09-03 05:00:00  
Finish Date: 2021-09-02 05:00:00  
Qual: Not reported  
Current Action Lead: Fed Fac

**CORRACTS:**

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: INVESTIGATION WORKPLAN APPROVED  
Actual Date: 19970729  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: INVESTIGATION COMPLETE  
Actual Date: 19970729  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: CMS WORKPLAN APPROVED  
Actual Date: 19970729  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: OU 1  
Corrective Action: CMS COMPLETE  
Actual Date: 19970729  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: OU 1  
Corrective Action: CMI WORKPLAN APPROVED  
Actual Date: 19970910  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: OU 1  
Corrective Action: STABILIZATION/INTERIM MEASURES DECISION-PRIMARY MEAS IS SOURCE REMOVL  
and/OR TRT  
Actual Date: 19910701  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE  
Actual Date: 19980618  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-MORE INFORMATION NEEDED  
Actual Date: 19980618  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: REMEDY DECISION  
Actual Date: 19940307  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

Name: AIR FORCE REAL PROPERTY AGENCY  
Address: 18374 PHANTOM STREET  
Address 2: Not reported  
EPA ID: CA2570024453  
Area Name: ENTIRE FACILITY  
Corrective Action: REMEDY CONSTRUCTION-REMEDY CONSTRUCTED  
Actual Date: 19961230  
Air Release Indicator: Not reported  
Groundwater Release Indicator: Not reported  
Soil Release Indicator: Not reported  
Surface Water Release Indicator: Not reported

[Click this hyperlink](#) while viewing on your computer to access additional CORRACTS: detail in the EDR Site Report.

RCRA-LQG:

Date Form Received by Agency: 20080228  
Handler Name: AIR FORCE REAL PROPERTY AGENCY

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Handler Address:	18374 PHANTOM STREET
Handler City,State,Zip:	VICTORVILLE, CA 95652
EPA ID:	CA2570024453
Contact Name:	MICHAEL H SWART
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	916-643-0830 x230
Contact Fax:	Not reported
Contact Email:	MIKE.SWART@AFRPA.PENTAGON.AF.MIL
Contact Title:	Not reported
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3411 OLSON STREET
Mailing City,State,Zip:	MCCLELLAN, CA 95652
Owner Name:	AIR FORCE REAL PROPERTY AGENCY
Owner Type:	Federal
Operator Name:	AIR FORCE REAL PROPERTY AGENCY
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	Yes

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081015
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULTIPLE OPS-ALL USAF COMMANDS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	35CSG/DEEV
Owner/Operator City,State,Zip:	GEORGE AFB, CA 92392
Owner/Operator Telephone:	714-269-2971
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AIR FORCE REAL PROPERTY AGENCY
Legal Status:	Federal

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Date Became Current: 19921201  
Date Ended Current: Not reported  
Owner/Operator Address: 3411 OLSON STREET  
Owner/Operator City,State,Zip: MCCLELLAN, CA 95652  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: AIR FORCE REAL PROPERTY AGENCY  
Legal Status: Federal  
Date Became Current: 19921201  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: MULTIPLE OPS-ALL USAF COMMANDS  
Legal Status: Federal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 35CSG/DEEV  
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999  
Owner/Operator Telephone: 714-269-2971  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

**Historic Generators:**

Receive Date: 19960901  
Handler Name: USAF GEORGE AFB  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19800818  
Handler Name: USAF GEORGE AFB  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported  
  
Receive Date: 19900517  
Handler Name: GEORGE AIR FORCE BASE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19920224  
Handler Name: GEORGE AIR FORCE BASE, CA  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20080228  
Handler Name: AIR FORCE REAL PROPERTY AGENCY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 336413  
NAICS Description: OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING  
  
NAICS Code: 48811  
NAICS Description: AIRPORT OPERATIONS  
  
NAICS Code: 53119  
NAICS Description: LESSORS OF OTHER REAL ESTATE PROPERTY  
  
NAICS Code: 92811  
NAICS Description: NATIONAL SECURITY

Facility Has Received Notices of Violation:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19890913
Actual Return to Compliance Date:	19900216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	19891130
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880224
Actual Return to Compliance Date:	19890913
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19890913
Actual Return to Compliance Date:	19900216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	19891130
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19870413  
Actual Return to Compliance Date: 19880224  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: 19880128  
Enforcement Identifier: 002  
Date of Enforcement Action: 19871221  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19890913
Actual Return to Compliance Date:	19900216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	19891130
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920226
Actual Return to Compliance Date:	19930628
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920327
Enforcement Identifier:	002
Date of Enforcement Action:	19920226
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 1100  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19900626  
Actual Return to Compliance Date: 19910423  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19900626
Actual Return to Compliance Date:	19910423
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920226
Actual Return to Compliance Date:	19930628
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920327
Enforcement Identifier:	002
Date of Enforcement Action:	19920226
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 1100  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19900626  
Actual Return to Compliance Date: 19910423  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 19891130  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 19891130  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19870413  
Actual Return to Compliance Date: 19880224  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: 19880128  
Enforcement Identifier: 001  
Date of Enforcement Action: 19871209  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: STATE TO EPA ADMINISTRATIVE REFERRAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19870413  
Actual Return to Compliance Date: 19880224  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: 19880128  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 19940322  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA

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EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19880224  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19890913  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19870413  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19880224  
Scheduled Compliance Date: 19880128  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920114
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930628
Scheduled Compliance Date:	19920327
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930628
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA

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**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900626
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910423
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900626
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910423
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920114
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930628
Scheduled Compliance Date:	19920327
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216

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**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900626
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910423
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910423
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

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**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19870413  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19880224  
Scheduled Compliance Date: 19880128  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19870413  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19880224  
Scheduled Compliance Date: 19880128  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

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 EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

RCRA-LQG:

Date Form Received by Agency:	20080228
Handler Name:	AIR FORCE REAL PROPERTY AGENCY
Handler Address:	18374 PHANTOM STREET
Handler City,State,Zip:	VICTORVILLE, CA 95652
EPA ID:	CA2570024453
Contact Name:	MICHAEL H SWART
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	916-643-0830 x230
Contact Fax:	Not reported
Contact Email:	MIKE.SWART@AFRPA.PENTAGON.AF.MIL
Contact Title:	Not reported
EPA Region:	09
Land Type:	Federal
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities, Corrective Action Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	3411 OLSON STREET
Mailing City,State,Zip:	MCCLELLAN, CA 95652
Owner Name:	AIR FORCE REAL PROPERTY AGENCY
Owner Type:	Federal
Operator Name:	AIR FORCE REAL PROPERTY AGENCY
Operator Type:	Federal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	The land is federally-owned, The site is federally-owned, The site is federally-operated
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Storage, Treatment
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Storage, Treatment
Post-Closure Workload Universe:	Not reported

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**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	Yes
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	No
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20081015
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2007

[Click Here for Biennial Reporting System Data:](#)

Hazardous Waste Summary:

Waste Code:	D022
Waste Description:	CHLOROFORM
Waste Code:	D029
Waste Description:	1,1-DICHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	MULTIPLE OPS-ALL USAF COMMANDS
Legal Status:	Federal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	35CSG/DEEV
Owner/Operator City,State,Zip:	GEORGE AFB, CA 92392
Owner/Operator Telephone:	714-269-2971
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Owner/Operator Indicator: Owner  
Owner/Operator Name: AIR FORCE REAL PROPERTY AGENCY  
Legal Status: Federal  
Date Became Current: 19921201  
Date Ended Current: Not reported  
Owner/Operator Address: 3411 OLSON STREET  
Owner/Operator City,State,Zip: MCCLELLAN, CA 95652  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: AIR FORCE REAL PROPERTY AGENCY  
Legal Status: Federal  
Date Became Current: 19921201  
Date Ended Current: Not reported  
Owner/Operator Address: Not reported  
Owner/Operator City,State,Zip: Not reported  
Owner/Operator Telephone: Not reported  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator  
Owner/Operator Name: MULTIPLE OPS-ALL USAF COMMANDS  
Legal Status: Federal  
Date Became Current: Not reported  
Date Ended Current: Not reported  
Owner/Operator Address: 35CSG/DEEV  
Owner/Operator City,State,Zip: CITY NOT REPORTED, CA 99999  
Owner/Operator Telephone: 714-269-2971  
Owner/Operator Telephone Ext: Not reported  
Owner/Operator Fax: Not reported  
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19960901  
Handler Name: USAF GEORGE AFB  
Federal Waste Generator Description: Small Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19800818  
Handler Name: USAF GEORGE AFB  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: CA  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No

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Database(s)

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EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19900517  
Handler Name: GEORGE AIR FORCE BASE  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 19920224  
Handler Name: GEORGE AIR FORCE BASE, CA  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: No  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

Receive Date: 20080228  
Handler Name: AIR FORCE REAL PROPERTY AGENCY  
Federal Waste Generator Description: Large Quantity Generator  
State District Owner: Not reported  
Large Quantity Handler of Universal Waste: No  
Recognized Trader Importer: No  
Recognized Trader Exporter: No  
Spent Lead Acid Battery Importer: No  
Spent Lead Acid Battery Exporter: No  
Current Record: Yes  
Non Storage Recycler Activity: Not reported  
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 336413  
NAICS Description: OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING

NAICS Code: 48811  
NAICS Description: AIRPORT OPERATIONS

NAICS Code: 53119  
NAICS Description: LESSORS OF OTHER REAL ESTATE PROPERTY

NAICS Code: 92811  
NAICS Description: NATIONAL SECURITY

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Database(s)

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**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Facility Has Received Notices of Violation:

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 19891130  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19890913
Actual Return to Compliance Date:	19900216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19880224
Actual Return to Compliance Date:	19890913
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Closure/Post-Closure
Date Violation was Determined:	19890913
Actual Return to Compliance Date:	19900216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	19891130
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19870413  
Actual Return to Compliance Date: 19880224  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: 19880128  
Enforcement Identifier: 002  
Date of Enforcement Action: 19871221  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19890913
Actual Return to Compliance Date:	19900216
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	006
Date of Enforcement Action:	19891130
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R9EPA
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920226
Actual Return to Compliance Date:	19930628
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920327
Enforcement Identifier:	002
Date of Enforcement Action:	19920226
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 1100  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - Closure/Post-Closure  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19900626  
Actual Return to Compliance Date: 19910423  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	LDR - General
Date Violation was Determined:	19900626
Actual Return to Compliance Date:	19910423
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920226
Actual Return to Compliance Date:	19930628
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19920327
Enforcement Identifier:	002
Date of Enforcement Action:	19920226
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: INITIAL 3008(A) COMPLIANCE  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: 1100  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19900626  
Actual Return to Compliance Date: 19910423  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: EPA  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 19891130  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: No  
Agency Which Determined Violation: Not reported  
Violation Short Description: Not reported  
Date Violation was Determined: Not reported  
Actual Return to Compliance Date: Not reported  
Return to Compliance Qualifier: Not reported  
Violation Responsible Agency: Not reported  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number:Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: LDR - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: 006  
Date of Enforcement Action: 19891130  
Enforcement Responsible Agency: EPA  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: WRITTEN INFORMAL  
Enforcement Responsible Person: R9EPA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19890913  
Actual Return to Compliance Date: 19900216  
Return to Compliance Qualifier: Observed  
Violation Responsible Agency: State  
Scheduled Compliance Date: Not reported  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19870413  
Actual Return to Compliance Date: 19880224  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: 19880128  
Enforcement Identifier: 001  
Date of Enforcement Action: 19871209  
Enforcement Responsible Agency: State  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: No  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported

Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: STATE TO EPA ADMINISTRATIVE REFERRAL  
Enforcement Responsible Person: R9STA  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation: Yes  
Agency Which Determined Violation: EPA  
Violation Short Description: TSD - General  
Date Violation was Determined: 19870413  
Actual Return to Compliance Date: 19880224  
Return to Compliance Qualifier: Unverifiable  
Violation Responsible Agency: State  
Scheduled Compliance Date: 19880128  
Enforcement Identifier: Not reported  
Date of Enforcement Action: Not reported  
Enforcement Responsible Agency: Not reported  
Enforcement Docket Number: Not reported  
Enforcement Attorney: Not reported  
Corrective Action Component: Not reported  
Appeal Initiated Date: Not reported  
Appeal Resolution Date: Not reported  
Disposition Status Date: Not reported  
Disposition Status: Not reported  
Disposition Status Description: Not reported  
Consent/Final Order Sequence Number: Not reported  
Consent/Final Order Respondent Name: Not reported  
Consent/Final Order Lead Agency: Not reported  
Enforcement Type: Not reported  
Enforcement Responsible Person: Not reported  
Enforcement Responsible Sub-Organization: Not reported  
SEP Sequence Number: Not reported  
SEP Expenditure Amount: Not reported  
SEP Scheduled Completion Date: Not reported  
SEP Actual Date: Not reported  
SEP Defaulted Date: Not reported  
SEP Type: Not reported  
SEP Type Description: Not reported  
Proposed Amount: Not reported  
Final Monetary Amount: Not reported  
Paid Amount: Not reported  
Final Count: Not reported  
Final Amount: Not reported

**Evaluation Action Summary:**

Evaluation Date: 19940322  
Evaluation Responsible Agency: State  
Found Violation: No  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9STA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: Not reported  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19880224  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19890913  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19870413  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19880224  
Scheduled Compliance Date: 19880128  
Date of Request: Not reported  
Date Response Received: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920114
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930628
Scheduled Compliance Date:	19920327
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930628
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900626
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910423
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900626
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910423
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920114
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19930628
Scheduled Compliance Date:	19920327
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900626
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910423
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19910423
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9STA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19890913
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R9EPA
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900216
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Evaluation Date: 19890913  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19900216  
Scheduled Compliance Date: Not reported  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19870413  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19880224  
Scheduled Compliance Date: 19880128  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Evaluation Date: 19870413  
Evaluation Responsible Agency: EPA  
Found Violation: Yes  
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Evaluation Responsible Person Identifier: R9EPA  
Evaluation Responsible Sub-Organization: Not reported  
Actual Return to Compliance Date: 19880224  
Scheduled Compliance Date: 19880128  
Date of Request: Not reported  
Date Response Received: Not reported  
Request Agency: Not reported  
Former Citation: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Site:

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392  
Event Code: Not reported  
Action Taken Date: 05/28/2015  
EPA ID: CA2570024453  
Action Name: Record of Decision  
Action ID: 5  
Operable Unit: 05  
Contaminated Media: Soil  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2015  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

Media:

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 3  
Operable Unit: 03  
Action Name: Explanation of Significant Differences  
Action Taken Date: 07/02/2002  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2002  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Debris  
Action ID: 4  
Operable Unit: 03  
Action Name: Explanation of Significant Differences  
Action Taken Date: 11/15/2003  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2004  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 4  
Operable Unit: 03  
Action Name: Explanation of Significant Differences  
Action Taken Date: 11/15/2003  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2004  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 03/07/1994  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1994  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 03/07/1994  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1994  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Groundwater  
Action ID: 1  
Operable Unit: 01  
Action Name: Record of Decision  
Action Taken Date: 03/07/1994

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1994  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Solid Waste  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Solid Waste  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Groundwater  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Groundwater  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Contaminated Media: Groundwater  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Solid Waste  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Groundwater  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Solid Waste  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 2  
Operable Unit: 03  
Action Name: Record of Decision  
Action Taken Date: 10/05/1998  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

EPA ID: CA2570024453  
Contaminated Media: Soil  
Action ID: 5  
Operable Unit: 05  
Action Name: Record of Decision  
Action Taken Date: 05/28/2015  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 2015  
NPL Status: Currently on the Final NPL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

**US INST CONTROLS:**

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
Action Name: Record of Decision  
Action ID: 1  
Operable Unit: 01  
Actual Date: 03/07/1994  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1994  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 03  
Actual Date: 10/05/1998  
Contaminated Media: Groundwater  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 03  
Actual Date: 10/05/1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Contaminated Media: Soil  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
Action Name: Record of Decision  
Action ID: 2  
Operable Unit: 03  
Actual Date: 10/05/1998  
Contaminated Media: Solid Waste  
Event Code: Not reported  
Contact Name: Not reported  
Contact Telephone: Not reported  
Event: Not reported  
Federal Facility: Y  
Fiscal Year: 1999  
NPL Status: Currently on the Final NPL  
Superfund Alternative Agreement: N  
Latitude: +34.595000  
Longitude: -117.383300

**HIST UST:**

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RAD GEORGE AIR FORCE  
City,State,Zip: ADELANTO, CA 92392  
File Number: 00029B34  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029B34.pdf>  
Region: STATE  
Facility ID: 00000009667  
Facility Type: Other  
Other Type: PIPELINE TERMINAL  
Contact Name: KEN SEALE  
Telephone: 6192542616  
Owner Name: CALNEV PIPE LINE COMPANY  
Owner Address: 412 HOSPITALITY LANE  
Owner City,St,Zip: SAN BERNARDINO, CA 92408  
Total Tanks: 0002  
  
Tank Num: 001  
Container Num: GU-01  
Year Installed: Not reported  
Tank Capacity: 00000158  
Tank Used for: PRODUCT  
Type of Fuel: 06  
Container Construction Thickness: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Leak Detection: Visual  
  
Tank Num: 002  
Container Num: GU-02  
Year Installed: 1983  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 250 2  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**ROD:**

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
RG: 9  
Site ID: 902737  
Action: FF ESD  
Operable Unit Number: OU03  
SEQ ID: 4  
Action Completion: 2003-11-15 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
RG: 9  
Site ID: 902737  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OVERALL SITE  
SEQ ID: 1  
Action Completion: 1994-03-07 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
RG: 9  
Site ID: 902737  
Action: FF ROD (RCRA Statement of Basis/RTC)  
Operable Unit Number: OU03  
SEQ ID: 2  
Action Completion: 1998-10-05 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

RG: 9  
Site ID: 902737  
Action: GOVT Decision Document (ROD)  
Operable Unit Number: OU05  
SEQ ID: 5  
Action Completion: 2015-05-28 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

Name: GEORGE AIR FORCE BASE  
Address: AIR BASE RD- NR ST RTE 395  
City,State,Zip: VICTORVILLE, CA 92392  
EPA ID: CA2570024453  
RG: 9  
Site ID: 902737  
Action: GOVT ESD  
Operable Unit Number: OU03  
SEQ ID: 3  
Action Completion: 2002-07-02 00:00:00  
NPL Status: Final  
Non NPL Status: Not reported

**RAATS:**

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 1 265.13(A)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: .00  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 2 265.13(B)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 3 265.15(D)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 4 265.16(A)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 5 265.17(A)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 6 265.52  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 7 265.73(A)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 8 265.112(A)(4)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 9 265.171  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*  
Final Penalty: .00  
Total Prop. Penalty: .00  
Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

Entry No: 1  
Facility ID: CA2570024453  
Type: Not reported  
Docket No: RCRA-09-85-0007  
Region: 09  
Issue Date: 03/12/1985  
Final Date: Not reported  
Status: Federal Facility Compliance Agreement  
Additional: Not reported  
Action ID: 463  
Action: Notice of Non-Compliance  
Violation No: Not reported  
Viol No Cited: 10 265.173(A)  
Total No Cited: Not reported  
Reg Type: CFR  
Prop. Penalty: \*

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GEORGE AIR FORCE BASE (Continued)**

**1000357265**

Final Penalty: .00  
 Total Prop. Penalty: .00  
 Comments: FFCA OF 3/12/85 REFERENCES A NOTIFICATION OF NON-COMPLIANCE ISSUED ON DEC. 17, 1984.

PRP:

PRP Name: STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES  
 STATE OF CALIFORNIA/DEPT. OF WATER QUALITY  
 STATE OF CALIFORNIA/DEPT. OF WATER QUALITY  
 U.S. AIR FORCE  
 U.S. AIR FORCE  
 U.S. EPA

31

**VICTOR VALLEY REGIONAL COMPOSTING FAC.  
 20755 SHAY RD.  
 VICTORVILLE, CA**

**RGA LF S114734042  
 N/A**

< 1/8  
 1 ft.

**Relative:  
 Lower  
 Actual:  
 2627 ft.**

RGA LF:

Name: VICTOR VALLEY REGIONAL COMPOSTING FAC.  
 Address: 20755 SHAY RD.  
 City: VICTORVILLE  
 State: VICTORVILLE  
 2003 VICTOR VALLEY REGIONAL COMPOSTING FAC. 20755 SHAY RD.  
 Name: VICTOR VALLEY REGIONAL COMPOSTING FAC.  
 Address: 20755 SHAY RD.  
 City: VICTORVILLE  
 State: VICTORVILLE  
 2002 VICTOR VALLEY REGIONAL COMPOSTING FAC. 20755 SHAY RD.  
 Name: VICTOR VALLEY REGIONAL COMPOSTING FAC.  
 Address: 20755 SHAY RD.  
 City: VICTORVILLE  
 State: VICTORVILLE  
 2001 VICTOR VALLEY REGIONAL COMPOSTING FAC. 20755 SHAY RD.  
 Name: VICTOR VALLEY REGIONAL COMPOSTING FAC.  
 Address: 20755 SHAY RD.  
 City: VICTORVILLE  
 State: VICTORVILLE  
 2000 VICTOR VALLEY REGIONAL COMPOSTING FAC. 20755 SHAY RD.

B32

**JOSEPH JOLLA, LLC  
 7855 SAY AVE  
 LA JOLLA, CA 92037**

**HAZNET S112905697  
 HWTS N/A**

< 1/8  
 1 ft.

**Site 1 of 3 in cluster B**

**Relative:  
 Lower  
 Actual:  
 2633 ft.**

HAZNET:

Name: JOSEPH JOLLA, LLC  
 Address: 7855 SAY AVE  
 Address 2: Not reported  
 City,State,Zip: LA JOLLA, CA 920370000  
 Contact: JOY COLE/ PROP MGR EXT 309  
 Telephone: 8584574501  
 Mailing Name: Not reported  
 Mailing Address: 4510 EXECUTIVE DR STE 125  
 Year: 2000  
 Gepaid: CAC002227689

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH JOLLA, LLC (Continued)**

**S112905697**

TSD EPA ID: CAT080033681  
CA Waste Code: 352 - Other organic solids  
Disposal Method: D80 - Disposal, Land Fill  
Tons: 1.8

Year: 2000  
Gepaid: CAC002227689  
TSD EPA ID: CAT080013352  
CA Waste Code: 223 - Unspecified oil-containing waste  
Disposal Method: R01 - Recycler  
Tons: 0.9174

Additional Info:

Year: 2000  
Gen EPA ID: CAC002227689

Shipment Date: 20000720  
Creation Date: 10/23/2000 0:00:00  
Receipt Date: 20000804  
Manifest ID: 20235041  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAT080033681  
Trans Name: Not reported  
TSD Alt EPA ID: Not reported  
TSD Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: D80 - Disposal, Land Fill  
Quantity Tons: 1.8  
Waste Quantity: 3600  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20000720  
Creation Date: 10/23/2000 0:00:00  
Receipt Date: 20000811  
Manifest ID: 20235036  
Trans EPA ID: CAD028277036  
Trans Name: Not reported  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSD EPA ID: CAT080013352  
Trans Name: Not reported  
TSD Alt EPA ID: Not reported  
TSD Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: R01 - Recycler  
Quantity Tons: 0.9174

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOSEPH JOLLA, LLC (Continued)**

**S112905697**

Waste Quantity: 220  
Quantity Unit: G  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**HWTS:**

Name: JOSEPH JOLLA, LLC  
Address: 7855 SAY AVE  
Address 2: Not reported  
City,State,Zip: LA JOLLA, CA 92037  
EPA ID: CAC002227689  
Inactive Date: 06/11/2001  
Create Date: 04/21/2000  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: 4510 EXECUTIVE DR STE 125  
Mailing Address 2: Not reported  
Mailing City,State,Zip: SAN DIEGO, CA 921213023  
Owner Name: JOSEPH JOLLA, LLC  
Owner Address: 4510 EXECUTIVE DR STE 125  
Owner Address 2: Not reported  
Owner City,State,Zip: SD, CA 921213023  
Contact Name: JOY COLE/ PROP MGR EXT 309  
Contact Address: 4510 EXECUTIVE DR STE 125  
Contact Address 2: Not reported  
City,State,Zip: SD, CA 921213023  
Facility Status: Inactive  
Facility Type: TEMPORARY  
Category: STATE  
Latitude: 34.616484  
Longitude: -117.358683

**B33**

**PFAS S127520722  
N/A**

**< 1/8  
1 ft.**

**VICTORVILLE, CA**

**Site 2 of 3 in cluster B**

**Relative:  
Lower**

PFAS:  
Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603600155  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported

**Actual:  
2625 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3600155_002_002
Matrix:	Liquid
Chemical:	NMEFOSAA
Qualifier:	<
Value:	1.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	10/14/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.538882
Longitude:	-117.289138
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603600155
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3600155_002_002
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	1.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882  
Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603600155  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3600155\_002\_002  
Matrix: Liquid  
Chemical: HFPA-DA  
Qualifier: <  
Value: 1.8  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882  
Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603600155
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3600155_002_002
Matrix:	Liquid
Chemical:	ADONA
Qualifier:	<
Value:	1.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	10/14/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.538882
Longitude:	-117.289138
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603600155
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

source\_type: All PFAS Chemicals  
Location ID: CA3600155\_002\_002  
Matrix: Liquid  
Chemical: 9CIPF3ONS  
Qualifier: <  
Value: 1.8  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882  
Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603600155  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3600155\_002\_002  
Matrix: Liquid  
Chemical: 11CIPF3OUDS  
Qualifier: <  
Value: 1.8  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603600155  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3600155\_002\_002  
Matrix: Liquid  
Chemical: PFUNDCA  
Qualifier: <  
Value: 1.8  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882  
Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603600155  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3600155_002_002
Matrix:	Liquid
Chemical:	PFTRIDA
Qualifier:	<
Value:	1.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	10/14/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.538882
Longitude:	-117.289138
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603600155
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3600155_002_002
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	1.8
Reporting Limit:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520722

Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882  
Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603600155  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3600155\_002\_002  
Matrix: Liquid  
Chemical: PFHA  
Qualifier: <  
Value: 1.8  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 10/14/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.538882  
Longitude: -117.289138  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603600155](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S127520722**

Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603600155
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3600155_002_002
Matrix:	Liquid
Chemical:	PFDOA
Qualifier:	<
Value:	1.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	10/14/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.538882
Longitude:	-117.289138
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603600155</a>

[Click this hyperlink](#) while viewing on your computer to access  
 116 additional CA PFAS: record(s) in the EDR Site Report.

**B34**

**PFAS S127520724  
 N/A**

< 1/8  
 1 ft.

**VICTORVILLE, CA**

**Site 3 of 3 in cluster B**

**Relative:  
 Lower  
 Actual:  
 2623 ft.**

PFAS:	
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	PFTEDA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/15/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.616677
Longitude:	-117.357973
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	PFHXSA
Qualifier:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

Value: 2.6  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 6/15/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.616677  
Longitude: -117.357973  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603601145](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603601145  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3601145\_001\_001  
Matrix: Liquid  
Chemical: NMEFOSAA  
Qualifier: <  
Value: 1.7  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 6/15/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.616677  
Longitude: -117.357973  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603601145](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145)

Name: Not reported  
Address: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	PFNA
Qualifier:	Not reported
Value:	1.8
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/15/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.616677
Longitude:	-117.357973
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	NETFOSAA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/15/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.616677
Longitude:	-117.357973
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	HFFPA-DA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/15/2021

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.616677  
Longitude: -117.357973  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603601145](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603601145  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3601145\_001\_001  
Matrix: Liquid  
Chemical: PFTRIDA  
Qualifier: <  
Value: 1.7  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 6/15/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.616677  
Longitude: -117.357973  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603601145](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	ADONA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/15/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.616677
Longitude:	-117.357973
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145</a>
Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

(Continued)

S127520724

Chemical: PFDOA  
Qualifier: <  
Value: 1.7  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 6/15/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.616677  
Longitude: -117.357973  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603601145](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145)

Name: Not reported  
Address: Not reported  
City,State,Zip: VICTORVILLE, CA  
Envirostor ID: Not reported  
Program Type: Not reported  
Status: Not reported  
Status Date: Not reported  
Enviroscreen Score: Not reported  
Site Code: Not reported  
Global ID: W0603601145  
Facility Region: Not reported  
Lead Agency: Not reported  
Case worker: Not reported  
Local Agency: Not reported  
Location Case Number: Not reported  
File Location: Not reported  
Potential Contaminants of Concern: Not reported  
Potential Media Affected: Not reported  
Site History: Not reported

Begin Date: Not reported  
RB Case Number: Not reported  
source\_type: All PFAS Chemicals  
Location ID: CA3601145\_001\_001  
Matrix: Liquid  
Chemical: 9CIPF3ONS  
Qualifier: <  
Value: 1.7  
Reporting Limit: Not reported  
Detection Limit: Not reported  
Lab Notes: Not reported  
Quarterly Running Annual Average: Not reported  
Units: NG/L  
Date: 6/15/2021  
Field Pt Class: PUBW  
Site Use: Drinking Water Wells  
Site Type: DDW Well  
Latitude: 34.616677  
Longitude: -117.357973  
Geo Tracker URL: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=W0603601145](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145)

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**S127520724**

Name:	Not reported
Address:	Not reported
City,State,Zip:	VICTORVILLE, CA
Envirostor ID:	Not reported
Program Type:	Not reported
Status:	Not reported
Status Date:	Not reported
Enviroscreen Score:	Not reported
Site Code:	Not reported
Global ID:	W0603601145
Facility Region:	Not reported
Lead Agency:	Not reported
Case worker:	Not reported
Local Agency:	Not reported
Location Case Number:	Not reported
File Location:	Not reported
Potential Contaminants of Concern:	Not reported
Potential Media Affected:	Not reported
Site History:	Not reported
Begin Date:	Not reported
RB Case Number:	Not reported
source_type:	All PFAS Chemicals
Location ID:	CA3601145_001_001
Matrix:	Liquid
Chemical:	PFUNDCA
Qualifier:	<
Value:	1.7
Reporting Limit:	Not reported
Detection Limit:	Not reported
Lab Notes:	Not reported
Quarterly Running Annual Average:	Not reported
Units:	NG/L
Date:	6/15/2021
Field Pt Class:	PUBW
Site Use:	Drinking Water Wells
Site Type:	DDW Well
Latitude:	34.616677
Longitude:	-117.357973
Geo Tracker URL:	<a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=W0603601145</a>

[Click this hyperlink](#) while viewing on your computer to access  
 62 additional CA PFAS: record(s) in the EDR Site Report.

<b>C35</b> <b>SE</b> <b>&lt; 1/8</b> <b>0.044 mi.</b> <b>233 ft.</b>	<b>VICTOR VALLEY REGIONAL COMPOSTING FACILITY (AMERIC</b> <b>, CA</b> <b>Site 1 of 4 in cluster C</b>	<b>LOS ANGELES CO LF METHANE</b>	<b>S127128130</b> <b>N/A</b>
----------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------	----------------------------------	---------------------------------

<b>Relative:</b> <b>Lower</b> <b>Actual:</b> <b>2637 ft.</b>	<b>LOS ANGELES CO LF METHANE:</b> Name: VICTOR VALLEY REGIONAL COMPOSTING FACILITY (AMERICAN ORGANICS) Address: Not reported City,State,Zip: CA Site Number: 2324 Status: Not reported Description: Not reported Operator Name: Not reported
-----------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VICTOR VALLEY REGIONAL COMPOSTING FACILITY (AMERICAN ORGANIC (Continued))**

**S127128130**

Operator Telephone: Not reported  
 Sup District: Not reported  
 Shape Length: Not reported  
 Shape Area: Not reported  
 Latitude: Not reported  
 Longitude: Not reported

**C36**  
**SE**  
 < 1/8  
 0.062 mi.  
 325 ft.  
 Relative:  
 Lower  
 Actual:  
 2628 ft.

**AMERICAN ORGANICS/ATHENS SERVICES**  
**20055 SHAY RD**  
**VICTORVILLE, CA 92394**  
 Site 2 of 4 in cluster C

**SWF/LF**  
**AST**  
**HAULERS**  
**CERS HAZ WASTE**  
**CERS TANKS**  
**EMI**  
**ENF**  
**HAZNET**  
**NPDES**  
 San Bern. Co. Permit  
**CIWQS**  
**CERS**  
**HWTS**  
**S104228644**  
**N/A**

**LOS ANGELES CO. LF:**

Name: VICTOR VALLEY REGIONAL COMPOSTING FACILITY  
 Address: 20055 SHAY ROAD  
 City,State,Zip: VICTORVILLE, CA 92394  
 Site ID: 2324  
 Alt. Site Name: American Organics  
 Alt. Address: N/A  
 Site Contact: Not reported  
 Site Contact Phone: (760) 246-7946  
 Site Email: Not reported  
 Site Website: N/A  
 Site Type: Out-of-County Facility  
 Site SWIS Number: 36-AA-0403  
 Beginning Operation Date: 1-May-00  
 Ending Operation Date: N/A  
 Local Enforcement Agency: County of San Bernardino Div. of Environmental Health Services  
 Maximun Depth Fill(Ft): Not reported  
 Permitted Capacity: 700  
 Present Use: Large Volume Transfer/Proc Facility  
 Remaining Capacity(Million): N/A  
 Status: Active  
 Waste Accepted: Construction & Demolition;Green Materials;Household Trash;Industrial Non-Hazardous;Metals;  
 Hours of Operation: Monday - Sunday 5 am - 6 pm  
 Disposal Area (Acre): Not reported

**Detail As Of 01/2014:**

Operator Name: Arakelian Enterprises, Inc.  
 Operator Address: P O Box 60009  
 Operator City/State/Zip: City of Industry, CA 91746  
 Operator Contact: Peter Branda  
 Operator Telephone: (626) 336-3636  
 Operator Email: cwarner@athensservices.com  
 Owner Name: Victor Valley Wastewater Recreation Authority  
 Owner Address: 20111 SHAY ROAD  
 Owner City/State/Zip: VICTORVILLE, ca 92392  
 Owner Contact: Not reported  
 Owner Telephone: (760) 246-8638

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Owner Email: Not reported  
District: Not reported  
Site Mailing Address: N/A

SWF/LF (SWIS):  
Name: VICTOR VALLEY REGIONAL COMPOSTING FAC.  
Address: 20055 SHAY RD.  
City,State,Zip: VICTORVILLE, CA 92392  
Region: STATE  
Facility ID: 36-AA-0403  
SWIS Number: 36-AA-0403  
Point of Contact: Megan Emslander  
Is Archived: No  
Is Closed Illegal Abandoned: No  
Is Site Inert Debris Engineered Fill: No  
Is Financial Assurances Responsible: No  
Absorbed On: Not reported  
Operational Status: Active  
Absorbed By: Not reported  
Closed Illegal Abandoned Category: Not reported  
EPA Federal Registry ID: Not reported  
ARB District: Mojave Desert  
SWRCB Region: Lahontan  
Local Government: Victorville  
Reporting Agency Legal Name: County of San Bernardino  
Reporting Agency Department: Div. of Environmental Health Services  
Enforcing Agency Legal Name: County of San Bernardino  
Enforcing Agency Department: Div. of Environmental Health Services  
Regulation Status: Permitted

Activity:  
SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Activity Is Archived: No  
Category: Composting  
Activity Classification: Solid Waste Facility  
WDR Number: Not reported  
WDR Landfill Class: Not reported  
Cease Operation: Not reported  
Cease Operation Type: Not reported  
Inspection Frequency: Monthly  
Throughput: 700  
Throughput Units: Tons per day  
Remaining Capacity: Not reported  
Remaining Capacity Date: Not reported  
Capacity: 270000  
Capacity Units: Cubic Yards per year  
Total Acreage: 50  
Disposal Acreage: Not reported  
Permitted Elevation: Not reported  
Permitted Elevation Type: Not reported  
Permitted Depth: Not reported  
Permitted Depth Type: Not reported  
Point of Contact: Megan Emslander  
Site Operational Status: Active  
Site Regulatory Status: Permitted

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Site Is Archived: No  
Is Closed Illegal Abandoned: No  
Is Site Inert Debris Engineered Fill: No  
Is Financial Assurances Responsible: No  
Absorbed On: Not reported  
Absorbed By: Not reported  
Closed Illegal Abandoned Category: Not reported  
EPA Federal Registry ID: Not reported  
County: San Bernardino  
ARB District: Mojave Desert  
SWRCB Region: Lahontan  
Local Government: Victorville  
Street Address: 20055 Shay Rd.  
City: Victorville  
State: CA  
ZIP Code: 92392  
Reporting Agency Legal Name: County of San Bernardino  
Reporting Agency Department: Div. of Environmental Health Services  
Enforcing Agency Legal Name: County of San Bernardino  
Enforcing Agency Department: Div. of Environmental Health Services

**Operator:**

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Site Operational Status: Active  
Site Type: Non-Disposal Only  
Site Regulatory Status: Permitted  
Latitude: 34.60876  
Longitude: -117.35474  
Is Archived: No  
Operator: American Organics Recycling  
Started On: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Email: Not reported  
Contact Phone: Not reported  
Street Address: 20055 Shay Road  
Operator City: Victorville  
Operator State: CA  
Operator Zip: 92394

**Owner:**

SWIS Number: 36-AA-0403  
Owner: Victor Valley Wastewater Rec. Authority  
Owner Address: 20111 Shay Rd  
Owner City: Victorville  
Owner State: CA  
Owner Zip: 92394  
Site Name: Victor Valley Regional Composting Fac.  
Site Operational Status: Active  
Site Type: Non-Disposal Only  
Site Regulatory Status: Permitted  
Latitude: 34.60876  
Longitude: -117.35474  
Is Archived: No  
Started On: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Contact Name: Daniel P. Gallagher  
Contact Title: Landowner  
Contact Email: Not reported  
Contact Phone: (760) 246-8638

Waste:

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Waste Type: Agricultural  
Site Is Archived: No  
Site Operational Status: Active  
Site Regulatory Status: Permitted  
Site Type: Non-Disposal Only  
Point of Contact: Megan Emslander  
Activity Is Archived: No  
Activity Operational Status: Active  
Activity Regulatory Status: Permitted  
Activity Category: Composting  
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Waste Type: Construction/demolition  
Site Is Archived: No  
Site Operational Status: Active  
Site Regulatory Status: Permitted  
Site Type: Non-Disposal Only  
Point of Contact: Megan Emslander  
Activity Is Archived: No  
Activity Operational Status: Active  
Activity Regulatory Status: Permitted  
Activity Category: Composting  
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Waste Type: Food Wastes  
Site Is Archived: No  
Site Operational Status: Active  
Site Regulatory Status: Permitted  
Site Type: Non-Disposal Only  
Point of Contact: Megan Emslander  
Activity Is Archived: No  
Activity Operational Status: Active  
Activity Regulatory Status: Permitted  
Activity Category: Composting  
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Waste Type: Green Materials  
Site Is Archived: No  
Site Operational Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Site Regulatory Status: Permitted  
Site Type: Non-Disposal Only  
Point of Contact: Megan Emslander  
Activity Is Archived: No  
Activity Operational Status: Active  
Activity Regulatory Status: Permitted  
Activity Category: Composting  
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Waste Type: Liquid Waste  
Site Is Archived: No  
Site Operational Status: Active  
Site Regulatory Status: Permitted  
Site Type: Non-Disposal Only  
Point of Contact: Megan Emslander  
Activity Is Archived: No  
Activity Operational Status: Active  
Activity Regulatory Status: Permitted  
Activity Category: Composting  
Activity Classification: Solid Waste Facility

SWIS Number: 36-AA-0403  
Site Name: Victor Valley Regional Composting Fac.  
Activity: Composting Facility (Mixed)  
Waste Type: Manure  
Site Is Archived: No  
Site Operational Status: Active  
Site Regulatory Status: Permitted  
Site Type: Non-Disposal Only  
Point of Contact: Megan Emslander  
Activity Is Archived: No  
Activity Operational Status: Active  
Activity Regulatory Status: Permitted  
Activity Category: Composting  
Activity Classification: Solid Waste Facility

**AST:**

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City/Zip: VICTORVILLE,92394  
Certified Unified Program Agencies: Not reported  
Owner: Arakelian Enterprises  
Total Gallons: Not reported  
CERSID: 10405141  
Facility ID: FA0016420  
Business Name: Athens Services  
Phone: (760) 246-7946  
Fax: (760) 246-5947  
Mailing Address: 20055 Shay Road  
Mailing Address City: Victorville  
Mailing Address State: CA  
Mailing Address Zip Code: 92394  
Operator Name: American Organics/Athens Services

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Operator Phone: (760) 246-7946  
Owner Phone: (626) 336-3636  
Owner Mail Address: 14048 Valley Blvd.  
Owner State: CA  
Owner Zip Code: 91746  
Owner Country: United States  
Property Owner Name: Not reported  
Property Owner Phone: Not reported  
Property Owner Mailing Address: Not reported  
Property Owner City: Not reported  
Property Owner Stat : Not reported  
Property Owner Zip Code: Not reported  
Property Owner Country: Not reported  
EPAID: CAL000349758

**HAULERS:**

Name: ATHENS  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394-8501  
Facility ID: 1608903  
Facility Phone: (760) 246-7946  
Business Email Address: doeffling@athensservices.com  
Contact Person: David Oeffling  
Mailing Address: PO Box 91918  
Mailing City: CITY OF INDUSTRY  
Mailing State: CA  
Mailing Zip: 91715  
Mailing County: Los Angeles  
Mailing Phone: (626) 594-4399  
Current Status: Active  
Current Hauler Status: Registered Haulers-Registered  
Accepting Tires From Public: Not reported  
Regulatory Status Last Changed: Not reported  
Business Types: Not reported

**CERS HAZ WASTE:**

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 5185  
CERS ID: 10405141  
CERS Description: Hazardous Waste Generator

**CERS TANKS:**

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 5185  
CERS ID: 10405141  
CERS Description: Aboveground Petroleum Storage

**EMI:**

Name: ARAKELIAN ENTERPRISES, INC. DBA AMERICAN ORGANICS  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Year: 2012  
County Code: 36  
Air Basin: MD  
Facility ID: 188903374  
Air District Name: MOJ  
SIC Code: 2875  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 64.848484848  
Reactive Organic Gases Tons/Yr: 51.36  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 5.1473518  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.5736759

Name: ARAKELIAN ENTERPRISES, INC. DBA AMERICAN ORGANICS  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2013  
County Code: 36  
Air Basin: MD  
Facility ID: 188903374  
Air District Name: MOJ  
SIC Code: 2875  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 64.848484848  
Reactive Organic Gases Tons/Yr: 51.36  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 5.1473518  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2.5736759

Name: VICTOR VALLEY REGIONAL COMPOSITING FACILITY  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2016  
County Code: 36  
Air Basin: MD  
Facility ID: 188903374  
Air District Name: MOJ  
SIC Code: 2875  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 71.407781059  
Reactive Organic Gases Tons/Yr: 56.5571327  
Carbon Monoxide Emissions Tons/Yr: 0.400049386  
NOX - Oxides of Nitrogen Tons/Yr: 0.405133  
SOX - Oxides of Sulphur Tons/Yr: 0.000915919  
Particulate Matter Tons/Yr: 2.3154365416  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.283933199

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Name: ARAKELIAN ENTERPRISES, INC. DBA AMERICAN ORGANICS  
Address: 20055 SHAY RD.  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2017  
County Code: 36  
Air Basin: MD  
Facility ID: 188903374  
Air District Name: MOJ  
SIC Code: 2875  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 71.407781059  
Reactive Organic Gases Tons/Yr: 56.5571327  
Carbon Monoxide Emissions Tons/Yr: 0.400049386  
NOX - Oxides of Nitrogen Tons/Yr: 0.405133  
SOX - Oxides of Sulphur Tons/Yr: 0.000915919  
Particulate Matter Tons/Yr: 2.3152096231  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.283933199

Name: ARAKELIAN ENTERPRISES, INC. DBA AMERICAN ORGANICS  
Address: 20055 SHAY RD.  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2018  
County Code: 36  
Air Basin: MD  
Facility ID: 3374  
Air District Name: MOJ  
SIC Code: 2875  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 71.407781059  
Reactive Organic Gases Tons/Yr: 56.5571327  
Carbon Monoxide Emissions Tons/Yr: 0.400049386  
NOX - Oxides of Nitrogen Tons/Yr: 0.405133  
SOX - Oxides of Sulphur Tons/Yr: 0.000915919  
Particulate Matter Tons/Yr: 2.3152096231  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1.283933199

Name: ARAKELIAN ENTERPRISES, INC. DBA AMERICAN ORGANICS  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Year: 2019  
County Code: 36  
Air Basin: MD  
Facility ID: 3374  
Air District Name: MOJ  
SIC Code: 2875  
Air District Name: MOJAVE DESERT AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 9.9971837948  
Reactive Organic Gases Tons/Yr: 8.308038575  
Carbon Monoxide Emissions Tons/Yr: 0.17906794  
NOX - Oxides of Nitrogen Tons/Yr: 0.021484931  
SOX - Oxides of Sulphur Tons/Yr: 0.000408481

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Particulate Matter Tons/Yr: 0.17072449349  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.086905631

ENF:

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 2  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: LNDISP  
# Of Programs: 1  
WDID: 6B369912001  
Reg Measure Id: 406819  
Reg Measure Type: WDR  
Region: Not reported  
Order #: R6V-2016-0031  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: Not reported  
Status: Active  
Status Date: 06/10/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Effective Date: 06/09/2016  
Expiration/Review Date: 06/09/2026  
Termination Date: Not reported  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 59 - Land Disposal Site not paying tipping fee  
Direction/Voice: Passive  
Enforcement Id(EID): 425458  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 08/03/2018  
Adoption/Issuance Date: 08/03/2018  
Achieve Date: Not reported  
Termination Date: 10/30/2018  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: SEL 08/03/2018 for American Organics  
Description: Joint Sampling for American Organics and VVWRA was conducted on October 29th and 30th, 2018.  
Program: LNDISPOTH  
Latest Milestone Completion Date: 10/30/2018  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	WDR
# Of Programs:	1
WDID:	6B369912001
Reg Measure Id:	147638
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-065
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	400
Status:	Historical
Status Date:	06/10/2016
Effective Date:	07/12/2000
Expiration/Review Date:	Not reported
Termination Date:	06/08/2016
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX)
Direction/Voice:	Passive
Enforcement Id(EID):	394959
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Oral Communication
Effective Date:	12/23/2013
Adoption/Issuance Date:	12/23/2013
Achieve Date:	Not reported
Termination Date:	01/31/2014
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Status: Historical  
Title: Oral Com 12/23/2013 for American Organics  
Description: A copy of the violation was emailed to the General Manager to make him aware of the violations. In reponse, maintenance activities are now being included in each monitoring report.  
Program: WDR  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Reg Measure Id: 147638  
Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400  
Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 385257  
Region: Not reported  
Order / Resolution Number: 6-00-056  
Enforcement Action Type: Oral Communication  
Effective Date: 05/22/2012  
Adoption/Issuance Date: 05/22/2012  
Achieve Date: Not reported  
Termination Date: 05/22/2012  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Oral Com 05/22/2012 for American Organics  
Description: Contacted discharger on 5/22/2012 to discuss the late report violation. The Discharger stated that the report was lost and damaged in the mail so he resent the report on 4/5/2012.  
Program: WDR  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001  
Reg Measure Id: 147638  
Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400  
Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 352250  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Notice of Violation  
Effective Date: 05/09/2007  
Adoption/Issuance Date: 05/09/2007  
Achieve Date: Not reported  
Termination Date: 01/28/2011  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: NOV/California Bio-Mass - 5/9/2007  
Description: Not reported  
Program: WDR  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Threat To Water Quality: 3  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001  
Reg Measure Id: 147638  
Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400  
Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 254067  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Staff Enforcement Letter  
Effective Date: 10/29/2004  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 01/31/2011  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Submit second Semi-Annual 2004 SMR on 1-31-2005  
Program: WDR  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY REGIONAL COMPOST
Address:	20055 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270420
Agency Name:	American Organics
Place Type:	Waste Management Unit
Place Subtype:	Composting Facility
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.61167
Place Longitude:	-117.36139
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	LNDISP
# Of Programs:	1
WDID:	6B369912001
Reg Measure Id:	147638
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-065
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	400
Status:	Historical

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 251790  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Notice to Comply  
Effective Date: 04/15/2004  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 05/15/2004  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Board staff issued a NTC on 4-15-04. The Discharger shall remove waste disposed in violation of WDRs and provide a report documenting compliance and load checking program by 5-15-04.  
Program: LNDISPOTH  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	WDR
# Of Programs:	1
WDID:	6B369912001
Reg Measure Id:	147638
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-065
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	400
Status:	Historical
Status Date:	06/10/2016
Effective Date:	07/12/2000
Expiration/Review Date:	Not reported
Termination Date:	06/08/2016
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX
Direction/Voice:	Passive
Enforcement Id(EID):	249698
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	07/26/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Termination Date: 07/26/2002  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Board staff sent a NOV letter on 7-26-02.  
Program: WDR  
Latest Milestone Completion Date: 8/15/2002  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Reg Measure Id: 147638  
Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400  
Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 248957  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Notice of Violation  
Effective Date: 07/12/2002  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 02/02/2011  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Board staff sent an NOV on 7-12-02. Discharger should submit revised SWPPP and spill report by 8-30-02.  
Program: WDR  
Latest Milestone Completion Date: 8/28/2002  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Place Type:	Waste Management Unit
Place Subtype:	Composting Facility
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.61167
Place Longitude:	-117.36139
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	WDR
# Of Programs:	1
WDID:	6B369912001
Reg Measure Id:	147638
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-065
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	400
Status:	Historical
Status Date:	06/10/2016
Effective Date:	07/12/2000
Expiration/Review Date:	Not reported
Termination Date:	06/08/2016
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 245256  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Notice of Violation  
Effective Date: 02/19/2003  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 02/19/2003  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Board staff sent out an NOV on 2/19/02.  
Program: WDR  
Latest Milestone Completion Date: 3/7/2003  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 3  
Complexity: C

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001  
Reg Measure Id: 147638  
Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400  
Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 242869  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Oral Communication  
Effective Date: 05/30/2003  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 02/02/2011  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: A verbal request to (a) to remove excessive ponding on roadway near MW3 ( b) and to repair MW3 in danger of collapse due to undercut from road (c) to clean storm pond contains large amount of organic rich water.  
Program: WDR  
Latest Milestone Completion Date: 6/11/2003  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001  
Reg Measure Id: 147638  
Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 242641  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Notice of Violation  
Effective Date: 05/06/2002  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 05/06/2002  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Board staff issued a NOV on 5-6-02 requesting late SMRs to be submitted.  
Program: WDR  
Latest Milestone Completion Date: 6/27/2002  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	LNDISPOTH
Program Category1:	LNDISP
Program Category2:	WDR
# Of Programs:	1
WDID:	6B369912001
Reg Measure Id:	147638
Reg Measure Type:	WDR
Region:	Not reported
Order #:	00-065
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	400
Status:	Historical
Status Date:	06/10/2016
Effective Date:	07/12/2000
Expiration/Review Date:	Not reported
Termination Date:	06/08/2016
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	58 - Non15 Based on (TTWQ)/CPLX
Direction/Voice:	Passive
Enforcement Id(EID):	239165
Region:	Not reported
Order / Resolution Number:	UNKNOWN
Enforcement Action Type:	Notice of Violation
Effective Date:	12/12/2001
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/02/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Issued a NOV on 12-12-01.  
Program: WDR  
Latest Milestone Completion Date: 10/15/2002  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: American Organics  
Place Type: Waste Management Unit  
Place Subtype: Composting Facility  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 34.61167  
Place Longitude: -117.36139  
SIC Code 1: Not reported  
SIC Desc 1: Not reported  
SIC Code 2: Not reported  
SIC Desc 2: Not reported  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: Not reported  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: Not reported  
Facility Waste Type: Not reported  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: LNDISPOTH  
Program Category1: LNDISP  
Program Category2: WDR  
# Of Programs: 1  
WDID: 6B369912001  
Reg Measure Id: 147638

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Reg Measure Type: WDR  
Region: Not reported  
Order #: 00-065  
Npdes# CA#: Not reported  
Major-Minor: Not reported  
Npdes Type: Not reported  
Reclamation: Not reported  
Dredge Fill Fee: Not reported  
301H: Not reported  
Application Fee Amt Received: 400  
Status: Historical  
Status Date: 06/10/2016  
Effective Date: 07/12/2000  
Expiration/Review Date: Not reported  
Termination Date: 06/08/2016  
WDR Review - Amend: Not reported  
WDR Review - Revise/Renew: Not reported  
WDR Review - Rescind: Not reported  
WDR Review - No Action Required: Not reported  
WDR Review - Pending: Not reported  
WDR Review - Planned: Not reported  
Status Enrollee: N  
Individual/General: I  
Fee Code: 58 - Non15 Based on (TTWQ)/CPLX  
Direction/Voice: Passive  
Enforcement Id(EID): 238176  
Region: Not reported  
Order / Resolution Number: UNKNOWN  
Enforcement Action Type: Oral Communication  
Effective Date: 10/16/2001  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 10/16/2001  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Enforcement - 6B369912001  
Description: Telephone call to consultant. Board staff was informed that SMR will be submitted by 11/2/01. If so, no further action recommended.  
  
Program: WDR  
Latest Milestone Completion Date: 10/24/2001  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0  
  
Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: Not reported  
Facility Id: 270420  
Agency Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Place Type:	Waste Management Unit
Place Subtype:	Composting Facility
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.61167
Place Longitude:	-117.36139
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	WDR
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	337667
Region:	Not reported
Order / Resolution Number:	Not reported
Enforcement Action Type:	Notice of Violation
Effective Date:	Not reported
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	06/02/2011
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	VICTOR VALLEY REGIONAL COMPOSTING FACILITY
Description:	SMR indicated gw in downgradient well exceeds the recommended secondary std of 500 mg/L for TDS. Periodically TDS has exceeded 1000 mg/L. Background is reported to be 300 mg/L. CRWQCB request wp by 9/17/07.
Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY REGIONAL COMPOST
Address:	20055 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270420
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Composting Facility
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.61167
Place Longitude:	-117.36139
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	WDR
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	356971
Region:	Not reported
Order / Resolution Number:	00-065
Enforcement Action Type:	13267 Letter
Effective Date:	06/02/2008
Adoption/Issuance Date:	06/02/2008
Achieve Date:	Not reported
Termination Date:	06/08/2016
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	13267/Cal Bio-Mass (Victor Valley Regional Composting Facility)/06-02-2008
Description:	Pursuant to California Water Code section 13267, this Order requires you to submit technical reports to investigate the occurrence and movement of total dissolved solids (TDS), chloride, and arsenic in groundwater below your composting facility.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Program:	WDR
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY REGIONAL COMPOST
Address:	20055 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270420
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Composting Facility
Facility Type:	All other facilities
Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.61167
Place Longitude:	-117.36139
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	LNDISP
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported
Enforcement Id(EID):	425464
Region:	Not reported
Order / Resolution Number:	R6V-2016-0031
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	09/28/2018
Adoption/Issuance Date:	09/28/2018
Achieve Date:	Not reported
Termination Date:	10/03/2018
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	SEL 09/28/2018 for American Organics
Description:	Annual report submitted with the first quarter report on 04/30/2018. Water Board staff is working with the discharger to bring them into compliance with financial assurances and other required technical documentation required in Board Order R6V-2016-0031.
Program:	LNDISPOTH
Latest Milestone Completion Date:	10/3/2018
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0
Name:	VICTOR VALLEY REGIONAL COMPOST
Address:	20055 SHAY ROAD
City,State,Zip:	VICTORVILLE, CA 92394
Region:	Not reported
Facility Id:	270420
Agency Name:	Not reported
Place Type:	Waste Management Unit
Place Subtype:	Composting Facility
Facility Type:	All other facilities

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Agency Type:	Not reported
# Of Agencies:	Not reported
Place Latitude:	34.61167
Place Longitude:	-117.36139
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Enf Action
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	Not reported
Program Category1:	Not reported
Program Category2:	WDR
# Of Programs:	Not reported
WDID:	Not reported
Reg Measure Id:	Not reported
Reg Measure Type:	Not reported
Region:	Not reported
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Not reported
Status Date:	Not reported
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Not reported
Individual/General:	Not reported
Fee Code:	Not reported
Direction/Voice:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Enforcement Id(EID): 395478  
Region: Not reported  
Order / Resolution Number: Not reported  
Enforcement Action Type: Oral Communication  
Effective Date: 03/26/2014  
Adoption/Issuance Date: 03/26/2014  
Achieve Date: Not reported  
Termination Date: 03/26/2014  
ACL Issuance Date: Not reported  
EPL Issuance Date: Not reported  
Status: Historical  
Title: Oral Com 03/26/2014 for American Organics  
Description: The discharger was contacted at 9:11 am Wednesday March 26, 2013. The discharger was notified of the violations and reminded of the MRP requirements per Board Order 6-00-65. Laboratory analysis reports were requested to be included in each report at that time.  
Program: WDRNONMUNIPRCS  
Latest Milestone Completion Date: Not reported  
# Of Programs1: 1  
Total Assessment Amount: 0  
Initial Assessed Amount: 0  
Liability \$ Amount: 0  
Project \$ Amount: 0  
Liability \$ Paid: 0  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 0

**HAZNET:**

Name: AMERICAN ORGANICS  
Address: 20055 SHAY RD  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 917160000  
Contact: DAVID OEFFLING  
Telephone: 6263363636  
Mailing Name: Not reported  
Mailing Address: PO BOX 60009  
  
Year: 2019  
Gepaid: CAL000349758  
TSD EPA ID: AZR000506980  
CA Waste Code: 352 - Other organic solids  
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 1.15000  
  
Year: 2019  
Gepaid: CAL000349758  
TSD EPA ID: AZR000506980  
CA Waste Code: 352 - Other organic solids  
Disposal Method: -  
Tons: 0.22500  
  
Year: 2019  
Gepaid: CAL000349758  
TSD EPA ID: AZR000520304  
CA Waste Code: 135 - Unspecified aqueous solution

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.23100
Year:	2018
Gepaid:	CAL000349758
TSD EPA ID:	UTD991301748
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)
Tons:	0.30000
Year:	2018
Gepaid:	CAL000349758
TSD EPA ID:	CAD044429835
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15000
Year:	2018
Gepaid:	CAL000349758
TSD EPA ID:	AZR000003681
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.25000
Year:	2017
Gepaid:	CAL000349758
TSD EPA ID:	CAD044429835
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.15
Year:	2017
Gepaid:	CAL000349758
TSD EPA ID:	CAD059494310
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Year:	2016
Gepaid:	CAL000349758
TSD EPA ID:	CAD059494310
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2015
Gepaid:	CAL000349758
TSD EPA ID:	CAD044429835
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Tons: Treatment/Reovery (H010-H129) Or (H131-H135)  
0.05

[Click this hyperlink](#) while viewing on your computer to access  
4 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year: 2014  
Gen EPA ID: CAL000349758

Shipment Date: 20141208  
Creation Date: 3/27/2015 22:15:05  
Receipt Date: 20141230  
Manifest ID: 004691612SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20140709  
Creation Date: 9/22/2014 22:15:02  
Receipt Date: 20140723  
Manifest ID: 004375721SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No  
Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20140407  
Creation Date: 6/6/2014 22:15:06  
Receipt Date: 20140429  
Manifest ID: 004264093SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2017  
Gen EPA ID: CAL000349758

Shipment Date: 20171011  
Creation Date: 5/30/2018 18:33:46  
Receipt Date: 20171023  
Manifest ID: 006158347SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS ENVIRONMENTAL SVC INC  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS OF WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

AMERICAN ORGANICS/ATHENS SERVICES (Continued)

S104228644

Shipment Date: 20170622  
Creation Date: 5/21/2018 18:33:32  
Receipt Date: 20170710  
Manifest ID: 006019274SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEAN HARBORS  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS OF WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20170310  
Creation Date: 5/25/2017 18:30:52  
Receipt Date: 20170322  
Manifest ID: 005948117SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: MAD039322250  
Trans 2 Name: CLEANHARBORS ENVIR SVS INC  
TSDf EPA ID: CAD059494310  
Trans Name: CLEAN HARBORS SAN JOSE  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 223 - Unspecified oil-containing waste  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:  
Year: 2013  
Gen EPA ID: CAL000349758

Shipment Date: 20131010  
Creation Date: 2/24/2014 22:15:07  
Receipt Date: 20131014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Manifest ID: 003955438SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAT000613893  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20130730  
Creation Date: 10/17/2013 22:15:26  
Receipt Date: 20130813  
Manifest ID: 003850327SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: MOR000508838  
Trans 2 Name: NEI  
TSDf EPA ID: CAD980675276  
Trans Name: CLEAN HARBORS BUTTONWILLOW LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
  
Quantity Tons: 0.1  
Waste Quantity: 200  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported  
  
Shipment Date: 20130515  
Creation Date: 7/25/2013 22:15:10  
Receipt Date: 20130530  
Manifest ID: 011469197JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD097030993  
Trans Name: SIEMENS INDUSTRY INC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.15  
Waste Quantity: 300  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130409  
Creation Date: 6/7/2013 22:15:20  
Receipt Date: 20130418  
Manifest ID: 011352165JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD097030993  
Trans Name: SIEMENS INDUSTRY INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.35  
Waste Quantity: 700  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Shipment Date: 20130304  
Creation Date: 5/1/2013 22:15:05  
Receipt Date: 20130314  
Manifest ID: 010874584JJK  
Trans EPA ID: CAD028277036  
Trans Name: ASBURY ENVIRONMENTAL SERVICES  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDF EPA ID: CAD097030993  
Trans Name: SIEMENS INDUSTRY INC  
TSDF Alt EPA ID: Not reported  
TSDF Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Waste Quantity: 800  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2015  
Gen EPA ID: CAL000349758

Shipment Date: 20150716  
Creation Date: 9/11/2015 22:15:30  
Receipt Date: 20150729  
Manifest ID: 005004590SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

Additional Info:

Year: 2016  
Gen EPA ID: CAL000349758

Shipment Date: 20150716  
Creation Date: 9/11/2015 22:15:30  
Receipt Date: 20150729  
Manifest ID: 005004590SKS  
Trans EPA ID: TXR000081205  
Trans Name: SAFETY-KLEEN SYSTEMS INC  
Trans 2 EPA ID: Not reported  
Trans 2 Name: Not reported  
TSDf EPA ID: CAD044429835  
Trans Name: CLEAN HARBORS WILMINGTON LLC  
TSDf Alt EPA ID: Not reported  
TSDf Alt Name: Not reported  
Waste Code Description: 352 - Other organic solids  
RCRA Code: Not reported  
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Treatment/Reovery (H010-H129) Or (H131-H135)  
Quantity Tons: 0.05  
Waste Quantity: 100  
Quantity Unit: P  
Additional Code 1: Not reported  
Additional Code 2: Not reported  
Additional Code 3: Not reported  
Additional Code 4: Not reported  
Additional Code 5: Not reported

**NPDES:**

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
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: 6B361022782  
Regulatory Measure Type: Industrial  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Terminated  
Status Date: 02/22/2021  
Operator Name: American Organics  
Operator Address: 20055 Shay Rd  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394

**NPDES as of 03/2018:**

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 6B  
Regulatory Measure ID: 405001  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 6B361022782  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/11/2010
Processed Date:	08/11/2010
Status:	Active
Status Date:	08/11/2010
Place Size:	22
Place Size Unit:	Acres
Contact:	Christina Viramontes
Contact Title:	Office Manager
Contact Phone:	760-246-7946
Contact Phone Ext:	Not reported
Contact Email:	cviramontes@athensservices.com
Operator Name:	American Organics
Operator Address:	20055 Shay Rd
Operator City:	Victorville
Operator State:	California
Operator Zip:	92394
Operator Contact:	David Oeffling
Operator Contact Title:	Compliance Manager
Operator Contact Phone:	626-336-3636
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	doeffling@athensservices.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	909-253-3071
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:	N
Receiving Water Name:	Mojave River
Certifier:	David Oeffling
Certifier Title:	Compliance Manager
Certification Date:	30-MAR-15

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Primary Sic: 5093-Scrap and Waste Materials  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 6B  
Regulatory Measure ID: 405001  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 6B361022782  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 08/11/2010  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: American Organics  
Discharge Address: 20055 Shay Rd  
Discharge City: Victorville  
Discharge State: California  
Discharge Zip: 92394  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

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

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Facility Status: Terminated  
NPDES Number: CAS000001  
Region: 6B  
Agency Number: 0  
Regulatory Measure ID: 405001  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 6B36I022782  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 08/11/2010  
Termination Date Of Regulatory Measure: 12/15/2020  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: PO Box 91918  
Discharge Name: American Organics  
Discharge City: City of Industry  
Discharge State: California  
Discharge Zip: 91715  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Region: 6B  
Regulatory Measure ID: 405001  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 6B361022782  
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: 08/11/2010  
Processed Date: 08/11/2010  
Status: Active  
Status Date: 08/11/2010  
Place Size: 22  
Place Size Unit: Acres  
Contact: Christina Viramontes  
Contact Title: Office Manager  
Contact Phone: 760-246-7946  
Contact Phone Ext: Not reported  
Contact Email: cviramontes@athensservices.com  
Operator Name: American Organics  
Operator Address: 20055 Shay Rd  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394  
Operator Contact: David Oeffling  
Operator Contact Title: Compliance Manager  
Operator Contact Phone: 626-336-3636  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: doeffling@athensservices.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 909-253-3071  
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

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Mojave River
Certifier:	David Oeffling
Certifier Title:	Compliance Manager
Certification Date:	30-MAR-15
Primary Sic:	5093-Scrap and Waste Materials
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	6B
Regulatory Measure ID:	405001
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	6B361022782
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/11/2010
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	American Organics
Discharge Address:	20055 Shay Rd
Discharge City:	Victorville
Discharge State:	California
Discharge Zip:	92394
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

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  
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: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Facility Status: Terminated  
NPDES Number: CAS000002  
Region: 6B  
Agency Number: 0  
Regulatory Measure ID: 503932  
Place ID: Not reported  
Order Number: 2009-0009-DWQ  
WDID: 6B36C385991  
Regulatory Measure Type: Enrollee  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 02/11/2019  
Termination Date Of Regulatory Measure: 09/30/2020  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: PO Box 91918  
Discharge Name: American Organics  
Discharge City: City of Industry  
Discharge State: California

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Discharge Zip: 91715  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported  
Operator Zip: Not reported

Name: AMERICAN ORGANICS  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
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: 6B36NNA001418  
Regulatory Measure Type: Industrial  
Program Type: Not reported  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: Not reported  
Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: NONA Submitted  
Status Date: 03/07/2021  
Operator Name: American Organics  
Operator Address: PO Box 91918  
Operator City: City of Industry  
Operator State: California  
Operator Zip: 91715

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
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: 6B36C385991  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Terminated  
Status Date: 10/22/2020  
Operator Name: American Organics  
Operator Address: 20055 Shay Rd  
Operator City: Victorville  
Operator State: California  
Operator Zip: 92394

San Bern. Co. Permit:

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: SAN BERNARDINO  
Facility ID: FA0016420  
Owner: Arakelian Enterprises  
Permit Number: PT0035312  
Permit Category: SMALL QUANTITY GENERATOR  
Facility Status: ACTIVE  
Expiration Date: 09/30/2022

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: SAN BERNARDINO  
Facility ID: FA0016420  
Owner: Arakelian Enterprises  
Permit Number: PT0035311  
Permit Category: HAZARDOUS MATERIALS 4-10 CHEMICALS  
Facility Status: ACTIVE  
Expiration Date: 09/30/2022

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Region: SAN BERNARDINO  
Facility ID: FA0016420  
Owner: Arakelian Enterprises  
Permit Number: PT0037522  
Permit Category: APSA 1,320-10,000 GAL FAC CAPACITY  
Facility Status: ACTIVE  
Expiration Date: 09/30/2022

CIWQS:

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: American Organics  
Agency Address: Not reported  
Place/Project Type: Composting Facility  
SIC/NAICS: Not reported  
Region: 6V  
Program: LNDISPOTH

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Regulatory Measure Status: Active  
Regulatory Measure Type: WDR  
Order Number: R6V-2016-0031  
WDID: 6B369912001  
NPDES Number: Not reported  
Adoption Date: 06/09/2016  
Effective Date: 06/09/2016  
Termination Date: Not reported  
Expiration/Review Date: 06/09/2026  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: C  
TTWQ: 2  
Enforcement Actions within 5 years: 2  
Violations within 5 years: 19  
Latitude: 34.61167  
Longitude: -117.36139

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY ROAD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: American Organics  
Agency Address: PO Box 91918, City Of Industry, CA 91715  
Place/Project Type: Construction - Reconstruction  
SIC/NAICS: Not reported  
Region: 6V  
Program: CONSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water construction  
Order Number: 2009-0009-DWQ  
WDID: 6B36C385991  
NPDES Number: CAS000002  
Adoption Date: Not reported  
Effective Date: 02/11/2019  
Termination Date: 09/30/2020  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 34.61058  
Longitude: -117.35395

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: American Organics  
Agency Address: PO Box 91918, City Of Industry, CA 91715  
Place/Project Type: Industrial - Scrap and Waste Materials  
SIC/NAICS: 5093  
Region: 6V  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

WDID: 6B361022782  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 08/11/2010  
Termination Date: 12/15/2020  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported  
TTWQ: Not reported  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 34.61058  
Longitude: -117.35395

Name: VICTOR VALLEY REGIONAL COMPOST  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Agency: American Organics  
Agency Address: PO Box 91918, City Of Industry, CA 91715  
Place/Project Type: Industrial - Refuse Systems  
SIC/NAICS: 4953  
Region: 6V  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 6B361015642  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 02/17/2000  
Termination Date: 04/12/2010  
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

**CERS:**

Name: VICTOR VALLEY REGIONAL COMPOSTING FAC.  
Address: 20055 SHAY RD.  
City,State,Zip: VICTORVILLE, CA  
Site ID: 512816  
CERS ID: 36-AA-0403  
CERS Description: Solid Waste and Recycle Sites

**Affiliation:**

Affiliation Type Desc: Legal Operator  
Entity Name: American Organics Recycling  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Victorville  
Affiliation State: CA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Affiliation Country: Not reported  
Affiliation Zip: 92394  
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner  
Entity Name: Victor Valley Wastewater Rec. Authority  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Victorville  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92392  
Affiliation Phone: 7602468638,

Name: AMERICAN ORGANICS/ATHENS SERVICES  
Address: 20055 SHAY RD  
City,State,Zip: VICTORVILLE, CA 92394  
Site ID: 5185  
CERS ID: 10405141  
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 5185  
Site Name: American Organics/Athens Services  
Violation Date: 12-07-2018  
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.

Violation Notes: Returned to compliance on 12/20/2018. OBSERVATION: Monthly visual inspections and integrity tests have not been documented. CORRECTIVE ACTION: Provided a signed Certificate of Compliance to certify that monthly visual inspections and integrity tests will be documented.

Violation Division: San Bernardino County Fire Department  
Violation Program: APSA  
Violation Source: CERS,

Site ID: 5185  
Site Name: American Organics/Athens Services  
Violation Date: 12-07-2018  
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 12/20/2018. OBSERVATION: (1) 55 gallon drum of waste oily absorbent; (2) 55 gallon drums of drained used oil filters (metal); (2) 55 gallon drums of drained used oil filters (paper) were not reported in CERS. CORRECTIVE ACTION: Submit an accurate and complete hazardous materials inventory via CERS.

Violation Division: San Bernardino County Fire Department  
Violation Program: HMRRP  
Violation Source: CERS,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Evaluation:

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-28-2021  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: APSA  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-28-2021  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 10-28-2021  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2018  
Violations Found: No  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HW  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: APSA  
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection  
Eval Date: 12-07-2018  
Violations Found: Yes  
Eval Type: Routine done by local agency  
Eval Notes: Not reported  
Eval Division: San Bernardino County Fire Department  
Eval Program: HMRRP  
Eval Source: CERS,

Coordinates:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Site ID: 5185  
Facility Name: American Organics/Athens Services  
Env Int Type Code: HWG  
Program ID: 10405141  
Coord Name: Not reported  
Ref Point Type Desc: Center of a facility or station.,  
Latitude: 34.611690  
Longitude: -117.355070

Affiliation:

Affiliation Type Desc: CUPA District  
Entity Name: San Bernardino County Fire  
Entity Title: Not reported  
Affiliation Address: 620 South E Street  
Affiliation City: San Bernardino  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92415-0153  
Affiliation Phone: (909) 386-8401,

Affiliation Type Desc: Parent Corporation  
Entity Name: Athens Services  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Property Owner  
Entity Name: Victor Valley Wastewater Reclamation Authority  
Entity Title: Not reported  
Affiliation Address: 20111 Shay Road  
Affiliation City: Victorville  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 92394  
Affiliation Phone: (760) 246-8638,

Affiliation Type Desc: Operator  
Entity Name: American Organics/Athens Services  
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: (760) 246-7946,

Affiliation Type Desc: Environmental Contact  
Entity Name: Stephanie Daniels  
Entity Title: Not reported  
Affiliation Address: PO Box 91918  
Affiliation City: City of Industry  
Affiliation State: CA  
Affiliation Country: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Affiliation Zip: 91715  
Affiliation Phone: ,  
  
Affiliation Type Desc: Identification Signer  
Entity Name: Stephanie Daniels  
Entity Title: Environmental Compliance Coordinator  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer  
Entity Name: Stephanie Daniels  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Not reported  
Affiliation State: Not reported  
Affiliation Country: Not reported  
Affiliation Zip: Not reported  
Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address  
Entity Name: Mailing Address  
Entity Title: Not reported  
Affiliation Address: PO Box 91918  
Affiliation City: City of Industry  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 91715  
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner  
Entity Name: ARAKELIAN ENTERPRISES  
Entity Title: Not reported  
Affiliation Address: 14048 Valley Blvd.  
Affiliation City: City of Industry  
Affiliation State: CA  
Affiliation Country: United States  
Affiliation Zip: 91746  
Affiliation Phone: (626) 336-3636,

**HWTS:**

Name: AMERICAN ORGANICS  
Address: 20055 SHAY RD  
Address 2: Not reported  
City,State,Zip: VICTORVILLE, CA 92394  
EPA ID: CAL000349758  
Inactive Date: Not reported  
Create Date: 02/03/2010  
Last Act Date: Not reported  
Mailing Name: Not reported  
Mailing Address: PO BOX 91918  
Mailing Address 2: Not reported  
Mailing City,State,Zip: CITY OF INDUSTRY, CA 917150000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN ORGANICS/ATHENS SERVICES (Continued)**

**S104228644**

Owner Name: ARAKELIAN ENTERPRISES INC  
Owner Address: 14048 VALLEY BLVD  
Owner Address 2: Not reported  
Owner City,State,Zip: CITY OF INDUSTRY, CA 917460000  
Contact Name: DAVID OEFFLING  
Contact Address: P.O. BOX 91918  
Contact Address 2: Not reported  
City,State,Zip: CITY OF INDUSTRY, CA 91715  
Facility Status: Active  
Facility Type: PERMANENT  
Category: STATE  
Latitude: 34.579186  
Longitude: -117.347799

**NAICS:**

EPA ID: CAL000349758  
Create Date: 2010-11-22 13:00:50.000  
NAICS Code: 325314  
NAICS Description: Fertilizer (Mixing Only) Manufacturing  
Issued EPA ID Date: 2010-02-03 16:06:00.48700  
Inactive Date: Not reported  
Facility Name: AMERICAN ORGANICS  
Facility Address: 20055 SHAY RD  
Facility Address 2: Not reported  
Facility City: VICTORVILLE  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 923948501

EPA ID: CAL000349758  
Create Date: 2010-02-03 16:06:00.500  
NAICS Code: 99999  
NAICS Description: Not Otherwise Specified  
Issued EPA ID Date: 2010-02-03 16:06:00.48700  
Inactive Date: Not reported  
Facility Name: AMERICAN ORGANICS  
Facility Address: 20055 SHAY RD  
Facility Address 2: Not reported  
Facility City: VICTORVILLE  
Facility County: Not reported  
Facility State: CA  
Facility Zip: 923948501

**C37**  
**SE**  
**< 1/8**  
**0.062 mi.**  
**325 ft.**

**AMERICAN ORGANICS**  
**20055 SHAY RD**  
**VICTORVILLE, CA 92394**

**RCRA NonGen / NLR** **1024824974**  
**CAL000349758**

**Site 3 of 4 in cluster C**

**Relative:**  
**Lower**  
**Actual:**  
**2628 ft.**

RCRA NonGen / NLR:  
Date Form Received by Agency: 20100203  
Handler Name: AMERICAN ORGANICS  
Handler Address: 20055 SHAY RD  
Handler City,State,Zip: VICTORVILLE, CA 92394-8501  
EPA ID: CAL000349758  
Contact Name: DAVID OEFFLING  
Contact Address: 5355 VINCENT AVE

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN ORGANICS (Continued)**

**1024824974**

Contact City,State,Zip:	IRWINDALE, CA 91706-0000
Contact Telephone:	626-336-3636
Contact Fax:	626-330-4686
Contact Email:	DOEFFLING@ATHENSSERVICES.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	5355 VINCENT AVE
Mailing City,State,Zip:	IRWINDALE, CA 91706-0000
Owner Name:	ARAKELIAN ENTERPRISES INC
Owner Type:	Other
Operator Name:	DAVID OEFFLING
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN ORGANICS (Continued)**

**1024824974**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARAKELIAN ENTERPRISES INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	14048 VALLEY BLVD
Owner/Operator City,State,Zip:	CITY OF INDUSTRY, CA 91746-0000
Owner/Operator Telephone:	626-336-3636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID OEFFLING
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	5355 VINCENT AVE
Owner/Operator City,State,Zip:	IRWINDALE, CA 91706-0000
Owner/Operator Telephone:	626-336-3636
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20100203
Handler Name:	AMERICAN ORGANICS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN ORGANICS (Continued)**

**1024824974**

Non Storage Recycler Activity: Not reported  
 Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 325314  
 NAICS Description: FERTILIZER (MIXING ONLY) MANUFACTURING  
  
 NAICS Code: 56299  
 NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

**C38**  
**SE**  
**< 1/8**  
**0.062 mi.**  
**325 ft.**

**VICTOR VALLEY REGIONAL COMPOSTING FACILITY**  
**20055 SHAY ROAD**  
**VICTORVILLE, CA**  
**Site 4 of 4 in cluster C**

**AST A100337439**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**2628 ft.**

AST:  
 Name: VICTOR VALLEY REGIONAL COMPOSTING FACILITY  
 Address: 20055 SHAY ROAD  
 City/Zip: VICTORVILLE,  
 Certified Unified Program Agencies: Victorville  
 Owner: Not reported  
 Total Gallons: 2,000  
 CERSID: Not reported  
 Facility ID: Not reported  
 Business Name: Not reported  
 Phone: Not reported  
 Fax: Not reported  
 Mailing Address: Not reported  
 Mailing Address City: Not reported  
 Mailing Address State: Not reported  
 Mailing Address Zip Code: Not reported  
 Operator Name: Not reported  
 Operator Phone: Not reported  
 Owner Phone: Not reported  
 Owner Mail Address: Not reported  
 Owner State: Not reported  
 Owner Zip Code: Not reported  
 Owner Country: Not reported  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**39**  
**SSW**  
**1/4-1/2**  
**0.319 mi.**  
**1682 ft.**

**GEORGE AFB CONSTRUCTION DEBRIS (DP-03)**  
**NE CORNER OF BASE IN FAA RESTRICTED AREA**  
**GEORGE AIR FORCE BASE, CA 92394**

**SWF/LF** **S105964609**  
**CERS** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**2835 ft.**

SWF/LF (SWIS):  
 Name: GEORGE AFB CONSTRUCTION DEBRIS (DP-03)  
 Address: NE CORNER OF BASE IN FAA RESTRICTED AREA  
 City,State,Zip: GEORGE AIR FORCE BASE, CA 92394  
 Region: STATE  
 Facility ID: 36-CR-0064  
 SWIS Number: 36-CR-0064  
 Point of Contact: Dawn Liang  
 Is Archived: No  
 Is Closed Illegal Abandoned: Yes  
 Is Site Inert Debris Engineered Fill: No  
 Is Financial Assurances Responsible: No  
 Absorbed On: Not reported  
 Operational Status: Closed  
 Absorbed By: Not reported  
 Closed Illegal Abandoned Category: C3  
 EPA Federal Registry ID: Not reported  
 ARB District: Mojave Desert  
 SWRCB Region: Lahontan  
 Local Government: San Bernardino County (Unincorporated)  
 Reporting Agency Legal Name: County of San Bernardino  
 Reporting Agency Department: Div. of Environmental Health Services  
 Enforcing Agency Legal Name: County of San Bernardino  
 Enforcing Agency Department: Div. of Environmental Health Services  
 Regulation Status: Unpermitted

Activity:  
 SWIS Number: 36-CR-0064  
 Site Name: George AFB Construction Debris (DP-03)  
 Activity: Solid Waste Disposal Site  
 Activity Is Archived: No  
 Category: Disposal  
 Activity Classification: Solid Waste Disposal Site  
 WDR Number: Not reported  
 WDR Landfill Class: Not reported  
 Cease Operation: Not reported  
 Cease Operation Type: Not reported  
 Inspection Frequency: None  
 Throughput: Not reported  
 Throughput Units: Not reported  
 Remaining Capacity: Not reported  
 Remaining Capacity Date: Not reported  
 Capacity: Not reported  
 Capacity Units: Not reported  
 Total Acreage: 2.3  
 Disposal Acreage: 0  
 Permitted Elevation: Not reported  
 Permitted Elevation Type: Not reported  
 Permitted Depth: Not reported  
 Permitted Depth Type: Not reported  
 Point of Contact: Dawn Liang  
 Site Operational Status: Closed  
 Site Regulatory Status: Unpermitted  
 Site Is Archived: No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AFB CONSTRUCTION DEBRIS (DP-03) (Continued)**

**S105964609**

Is Closed Illegal Abandoned: Yes  
Is Site Inert Debris Engineered Fill: No  
Is Financial Assurances Responsible: No  
Absorbed On: Not reported  
Absorbed By: Not reported  
Closed Illegal Abandoned Category: C3  
EPA Federal Registry ID: Not reported  
County: San Bernardino  
ARB District: Mojave Desert  
SWRCB Region: Lahontan  
Local Government: San Bernardino County (Unincorporated)  
Street Address: NE Corner of base in FAA restricted area  
City: George Air Force Base  
State: CA  
ZIP Code: 92394  
Reporting Agency Legal Name: County of San Bernardino  
Reporting Agency Department: Div. of Environmental Health Services  
Enforcing Agency Legal Name: County of San Bernardino  
Enforcing Agency Department: Div. of Environmental Health Services

**Operator:**

SWIS Number: 36-CR-0064  
Site Name: George AFB Construction Debris (DP-03)  
Site Operational Status: Closed  
Site Type: Disposal Only  
Site Regulatory Status: Unpermitted  
Latitude: 34.60457  
Longitude: -117.36372  
Is Archived: No  
Operator: Booz Allen Hamilton, Inc.  
Started On: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Email: Not reported  
Contact Phone: (909) 697-6722  
Street Address: Calvin Cox, Associate Consultant 3430 Bundy Avenue  
Operator City: Riverside  
Operator State: CA  
Operator Zip: 92518

**Owner:**

SWIS Number: 36-CR-0064  
Owner: U S Air Force  
Owner Address: 1700 N Moore St Ste 2300  
Owner City: Arlington  
Owner State: VA  
Owner Zip: 22209  
Site Name: George AFB Construction Debris (DP-03)  
Site Operational Status: Closed  
Site Type: Disposal Only  
Site Regulatory Status: Unpermitted  
Latitude: 34.60457  
Longitude: -117.36372  
Is Archived: No  
Started On: Not reported  
Contact Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AFB CONSTRUCTION DEBRIS (DP-03) (Continued)**

**S105964609**

Contact Title: Not reported  
Contact Email: Not reported  
Contact Phone: (916) 643-6420

Waste:

SWIS Number: 36-CR-0064  
Site Name: George AFB Construction Debris (DP-03)  
Activity: Solid Waste Disposal Site  
Waste Type: Construction/demolition  
Site Is Archived: No  
Site Operational Status: Closed  
Site Regulatory Status: Unpermitted  
Site Type: Disposal Only  
Point of Contact: Dawn Liang  
Activity Is Archived: No  
Activity Operational Status: Closed  
Activity Regulatory Status: Unpermitted  
Activity Category: Disposal  
Activity Classification: Solid Waste Disposal Site

SWIS Number: 36-CR-0064  
Site Name: George AFB Construction Debris (DP-03)  
Activity: Solid Waste Disposal Site  
Waste Type: Other designated  
Site Is Archived: No  
Site Operational Status: Closed  
Site Regulatory Status: Unpermitted  
Site Type: Disposal Only  
Point of Contact: Dawn Liang  
Activity Is Archived: No  
Activity Operational Status: Closed  
Activity Regulatory Status: Unpermitted  
Activity Category: Disposal  
Activity Classification: Solid Waste Disposal Site

CERS:

Name: GEORGE AFB CONSTRUCTION DEBRIS (DP-03)  
Address: NE CORNER OF BASE IN FAA RESTRICTED AREA  
City,State,Zip: GEORGE AIR FORCE BASE, CA  
Site ID: 508886  
CERS ID: 36-CR-0064  
CERS Description: Solid Waste and Recycle Sites

Affiliation:

Affiliation Type Desc: Legal Owner  
Entity Name: U S AIR FORCE  
Entity Title: Not reported  
Affiliation Address: Air Force Real Property Agency, T. Wong1700 North Moore Street Suite 2300  
Affiliation City: Arlington  
Affiliation State: VA  
Affiliation Country: Not reported  
Affiliation Zip: 22209  
Affiliation Phone: 9166436420,

Affiliation Type Desc: Legal Operator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AFB CONSTRUCTION DEBRIS (DP-03) (Continued)**

**S105964609**

Entity Name: Booz Allen Hamilton, Inc.  
Entity Title: Not reported  
Affiliation Address: Calvin Cox, Associate Consultant3430 Bundy Avenue  
Affiliation City: Riverside  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92518  
Affiliation Phone: 9096976722,

**40**  
**SSW**  
**1/4-1/2**  
**0.416 mi.**  
**2197 ft.**

**GEORGE AFB CONSTRUCTION LANDFILL (DP-04)**  
**NE CORNER OF BASE IN FAA RESTRICTED AREA**  
**GEORGE AIR FORCE BASE, CA 92394**

**SWF/LF** **S105964610**  
**CERS** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**2833 ft.**

SWF/LF (SWIS):  
Name: GEORGE AFB CONSTRUCTION LANDFILL (DP-04)  
Address: NE CORNER OF BASE IN FAA RESTRICTED AREA  
City,State,Zip: GEORGE AIR FORCE BASE, CA 92394  
Region: STATE  
Facility ID: 36-CR-0065  
SWIS Number: 36-CR-0065  
Point of Contact: Dawn Liang  
Is Archived: No  
Is Closed Illegal Abandoned: Yes  
Is Site Inert Debris Engineered Fill: No  
Is Financial Assurances Responsible: No  
Absorbed On: Not reported  
Operational Status: Closed  
Absorbed By: Not reported  
Closed Illegal Abandoned Category: C3  
EPA Federal Registry ID: Not reported  
ARB District: Mojave Desert  
SWRCB Region: Lahontan  
Local Government: San Bernardino County (Unincorporated)  
Reporting Agency Legal Name: County of San Bernardino  
Reporting Agency Department: Div. of Environmental Health Services  
Enforcing Agency Legal Name: County of San Bernardino  
Enforcing Agency Department: Div. of Environmental Health Services  
Regulation Status: Pre-regulation

Activity:  
SWIS Number: 36-CR-0065  
Site Name: George AFB Construction Landfill (DP-04)  
Activity: Solid Waste Disposal Site  
Activity Is Archived: No  
Category: Disposal  
Activity Classification: Solid Waste Disposal Site  
WDR Number: Not reported  
WDR Landfill Class: Not reported  
Cease Operation: Not reported  
Cease Operation Type: Not reported  
Inspection Frequency: None  
Throughput: Not reported  
Throughput Units: Not reported  
Remaining Capacity: Not reported  
Remaining Capacity Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AFB CONSTRUCTION LANDFILL (DP-04) (Continued)**

**S105964610**

Capacity: Not reported  
Capacity Units: Not reported  
Total Acreage: 3.9  
Disposal Acreage: 0  
Permitted Elevation: Not reported  
Permitted Elevation Type: Not reported  
Permitted Depth: Not reported  
Permitted Depth Type: Not reported  
Point of Contact: Dawn Liang  
Site Operational Status: Closed  
Site Regulatory Status: Pre-regulation  
Site Is Archived: No  
Is Closed Illegal Abandoned: Yes  
Is Site Inert Debris Engineered Fill: No  
Is Financial Assurances Responsible: No  
Absorbed On: Not reported  
Absorbed By: Not reported  
Closed Illegal Abandoned Category: C3  
EPA Federal Registry ID: Not reported  
County: San Bernardino  
ARB District: Mojave Desert  
SWRCB Region: Lahontan  
Local Government: San Bernardino County (Unincorporated)  
Street Address: NE corner of base in FAA restricted area  
City: George Air Force Base  
State: CA  
ZIP Code: 92394  
Reporting Agency Legal Name: County of San Bernardino  
Reporting Agency Department: Div. of Environmental Health Services  
Enforcing Agency Legal Name: County of San Bernardino  
Enforcing Agency Department: Div. of Environmental Health Services

Operator:  
SWIS Number: 36-CR-0065  
Site Name: George AFB Construction Landfill (DP-04)  
Site Operational Status: Closed  
Site Type: Disposal Only  
Site Regulatory Status: Pre-regulation  
Latitude: 34.60249  
Longitude: -117.36208  
Is Archived: No  
Operator: Booz Allen Hamilton, Inc.  
Started On: Not reported  
Contact Name: Not reported  
Contact Title: Not reported  
Contact Email: Not reported  
Contact Phone: (909) 697-6722  
Street Address: Calvin Cox, Associate Consultant 3430 Bundy Avenue  
Operator City: Riverside  
Operator State: CA  
Operator Zip: 92518

Owner:  
SWIS Number: 36-CR-0065  
Owner: US Dept Of Air Force-George Afb  
Owner Address: PO Box 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GEORGE AFB CONSTRUCTION LANDFILL (DP-04) (Continued)**

**S105964610**

Owner City: Victorville  
Owner State: CA  
Owner Zip: 92393  
Site Name: George AFB Construction Landfill (DP-04)  
Site Operational Status: Closed  
Site Type: Disposal Only  
Site Regulatory Status: Pre-regulation  
Latitude: 34.60249  
Longitude: -117.36208  
Is Archived: No  
Started On: Not reported  
Contact Name: Robert Summer  
Contact Title: Base Environmental Coordinator  
Contact Email: Not reported  
Contact Phone: (619) 269-2971

**CERS:**

Name: GEORGE AFB CONSTRUCTION LANDFILL (DP-04)  
Address: NE CORNER OF BASE IN FAA RESTRICTED AREA  
City,State,Zip: GEORGE AIR FORCE BASE, CA  
Site ID: 508887  
CERS ID: 36-CR-0065  
CERS Description: Solid Waste and Recycle Sites

**Affiliation:**

Affiliation Type Desc: Legal Owner  
Entity Name: US Dept Of Air Force-George Afb  
Entity Title: Not reported  
Affiliation Address: Not reported  
Affiliation City: Victorville  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92394  
Affiliation Phone: 6192692971,  
  
Affiliation Type Desc: Legal Operator  
Entity Name: Booz Allen Hamilton, Inc.  
Entity Title: Not reported  
Affiliation Address: Calvin Cox, Associate Consultant3430 Bundy Avenue  
Affiliation City: Riverside  
Affiliation State: CA  
Affiliation Country: Not reported  
Affiliation Zip: 92518  
Affiliation Phone: 9096976722,

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
VICTORVILLE	S116288984	VVWRA ORO GRANDE PUMPING STATION	SHAY ROAD	92394	EMI

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Lists of Federal NPL (Superfund) sites***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2022	Source: EPA
Date Data Arrived at EDR: 05/05/2022	Telephone: N/A
Date Made Active in Reports: 05/31/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2022	Source: EPA
Date Data Arrived at EDR: 05/05/2022	Telephone: N/A
Date Made Active in Reports: 05/31/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## ***Lists of Federal Delisted NPL sites***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2022  
Date Data Arrived at EDR: 05/05/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 26

Source: EPA  
Telephone: N/A  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Quarterly

## ***Lists of Federal sites subject to CERCLA removals and CERCLA orders***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021  
Date Data Arrived at EDR: 06/24/2021  
Date Made Active in Reports: 09/20/2021  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 06/27/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2022  
Date Data Arrived at EDR: 05/05/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 26

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Quarterly

## ***Lists of Federal CERCLA sites with NFRAP***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2022	Source: EPA
Date Data Arrived at EDR: 05/05/2022	Telephone: 800-424-9346
Date Made Active in Reports: 05/31/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA facilities undergoing Corrective Action***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/20/2022	Source: EPA
Date Data Arrived at EDR: 06/21/2022	Telephone: 800-424-9346
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA TSD facilities***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## ***Lists of Federal RCRA generators***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## ***Federal institutional controls / engineering controls registries***

### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/16/2022	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2022	Telephone: 843-820-7326
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/03/2022
Number of Days to Update: 71	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/16/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/24/2022	Telephone: 703-603-0695
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/17/2022
Number of Days to Update: 66	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 06/14/2022

Source: National Response Center, United States Coast Guard

Date Data Arrived at EDR: 06/15/2022

Telephone: 202-267-2180

Date Made Active in Reports: 06/21/2022

Last EDR Contact: 06/15/2022

Number of Days to Update: 6

Next Scheduled EDR Contact: 10/03/2022

Data Release Frequency: Quarterly

## ***Lists of state- and tribal (Superfund) equivalent sites***

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 04/26/2022

Telephone: 916-323-3400

Date Made Active in Reports: 07/15/2022

Last EDR Contact: 07/25/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 11/07/2022

Data Release Frequency: Quarterly

## ***Lists of state- and tribal hazardous waste facilities***

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 04/25/2022

Source: Department of Toxic Substances Control

Date Data Arrived at EDR: 04/26/2022

Telephone: 916-323-3400

Date Made Active in Reports: 07/15/2022

Last EDR Contact: 07/25/2022

Number of Days to Update: 80

Next Scheduled EDR Contact: 11/07/2022

Data Release Frequency: Quarterly

## ***Lists of state and tribal landfills and solid waste disposal facilities***

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 05/09/2022

Source: Department of Resources Recycling and Recovery

Date Data Arrived at EDR: 05/09/2022

Telephone: 916-341-6320

Date Made Active in Reports: 07/29/2022

Last EDR Contact: 08/08/2022

Number of Days to Update: 81

Next Scheduled EDR Contact: 11/21/2022

Data Release Frequency: Quarterly

## ***Lists of state and tribal leaking storage tanks***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 05/24/2022  
Number of Days to Update: 1

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Quarterly

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005  
Date Data Arrived at EDR: 06/07/2005  
Date Made Active in Reports: 06/29/2005  
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)  
Telephone: 760-241-7365  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003  
Date Data Arrived at EDR: 09/10/2003  
Date Made Active in Reports: 10/07/2003  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)  
Telephone: 530-542-5572  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005  
Date Data Arrived at EDR: 02/15/2005  
Date Made Active in Reports: 03/28/2005  
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)  
Telephone: 909-782-4496  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004  
Date Data Arrived at EDR: 02/26/2004  
Date Made Active in Reports: 03/24/2004  
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)  
Telephone: 760-776-8943  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008  
Date Data Arrived at EDR: 07/22/2008  
Date Made Active in Reports: 07/31/2008  
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-4834  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6710  
Last EDR Contact: 09/06/2011  
Next Scheduled EDR Contact: 12/19/2011  
Data Release Frequency: No Update Planned

## INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/28/2022  
Date Data Arrived at EDR: 06/13/2022  
Date Made Active in Reports: 08/16/2022  
Number of Days to Update: 64

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/11/2022	Source: EPA, Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-7439
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6271
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-8677
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 06/13/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3372
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021	Source: EPA Region 1
Date Data Arrived at EDR: 06/11/2021	Telephone: 617-918-1313
Date Made Active in Reports: 09/07/2021	Last EDR Contact: 06/13/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 05/24/2022	Last EDR Contact: 05/23/2022
Number of Days to Update: 1	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: No Update Planned

## SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: No Update Planned

## SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: No Update Planned

## SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

## SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

## SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008  
Date Data Arrived at EDR: 04/03/2008  
Date Made Active in Reports: 04/14/2008  
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: No Update Planned

## SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007  
Date Data Arrived at EDR: 09/11/2007  
Date Made Active in Reports: 09/28/2007  
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 08/08/2011  
Next Scheduled EDR Contact: 11/21/2011  
Data Release Frequency: No Update Planned

## ***Lists of state and tribal registered storage tanks***

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021  
Date Data Arrived at EDR: 11/05/2021  
Date Made Active in Reports: 02/01/2022  
Number of Days to Update: 88

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

### MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/07/2022	Source: SWRCB
Date Data Arrived at EDR: 03/08/2022	Telephone: 916-341-5851
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 06/07/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Semi-Annually

## UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/07/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/08/2022	Telephone: 916-327-7844
Date Made Active in Reports: 06/03/2022	Last EDR Contact: 06/09/2022
Number of Days to Update: 87	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Varies

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	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: 06/09/2022
Number of Days to Update: 69	Next Scheduled EDR Contact: 09/26/2022
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021	Source: EPA Region 4
Date Data Arrived at EDR: 06/22/2021	Telephone: 404-562-9424
Date Made Active in Reports: 09/20/2021	Last EDR Contact: 06/13/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/07/2022	Source: EPA, Region 1
Date Data Arrived at EDR: 06/13/2022	Telephone: 617-918-1313
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/2022	Source: EPA Region 10
Date Data Arrived at EDR: 06/13/2022	Telephone: 206-553-2857
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/14/2022	Source: EPA Region 7
Date Data Arrived at EDR: 06/13/2022	Telephone: 913-551-7003
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/20/2022	Source: EPA Region 8
Date Data Arrived at EDR: 06/13/2022	Telephone: 303-312-6137
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2022	Source: EPA Region 9
Date Data Arrived at EDR: 06/13/2022	Telephone: 415-972-3368
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/28/2022	Source: EPA Region 6
Date Data Arrived at EDR: 06/13/2022	Telephone: 214-665-7591
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/11/2022	Source: EPA Region 5
Date Data Arrived at EDR: 06/13/2022	Telephone: 312-886-6136
Date Made Active in Reports: 08/16/2022	Last EDR Contact: 06/13/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## ***Lists of 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 07/08/2021  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

## VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 04/25/2022  
Date Data Arrived at EDR: 04/26/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/25/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Quarterly

## INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 06/15/2022  
Next Scheduled EDR Contact: 10/03/2022  
Data Release Frequency: Varies

## ***Lists of state and tribal brownfield sites***

### BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/21/2022  
Date Data Arrived at EDR: 03/21/2022  
Date Made Active in Reports: 06/14/2022  
Number of Days to Update: 85

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 06/21/2022  
Next Scheduled EDR Contact: 10/03/2022  
Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 03/10/2022  
Number of Days to Update: 0

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 08/08/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: Semi-Annually

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 07/19/2022
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/07/2022	Source: Department of Conservation
Date Data Arrived at EDR: 03/08/2022	Telephone: 916-323-3836
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 06/07/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/15/2022	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 02/24/2022	Telephone: 916-341-6422
Date Made Active in Reports: 05/25/2022	Last EDR Contact: 08/16/2022
Number of Days to Update: 90	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

## INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/21/2022
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Varies

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/12/2022
Number of Days to Update: 137	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: No Update Planned

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 04/30/2022  
Date Data Arrived at EDR: 05/24/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 66

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/18/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: No Update Planned

### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/23/2009  
Next Scheduled EDR Contact: 05/25/2009  
Data Release Frequency: No Update Planned

### SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/25/2022  
Date Data Arrived at EDR: 04/26/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 80

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/25/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Quarterly

### CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 01/20/2021  
Date Made Active in Reports: 04/08/2021  
Number of Days to Update: 78

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

### CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: CalEPA  
Telephone: 916-323-2514  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Quarterly

## TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 04/30/2022  
Date Data Arrived at EDR: 05/24/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 66

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/18/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 03/07/2022  
Date Data Arrived at EDR: 03/08/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 86

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 06/07/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

## AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 02/20/2020  
Date Data Arrived at EDR: 12/10/2021  
Date Made Active in Reports: 02/25/2022  
Number of Days to Update: 77

Source: State Water Resources Control Board  
Telephone: 916-341-5455  
Last EDR Contact: 06/10/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

## **Local Lists of Registered Storage Tanks**

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 05/05/2022	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 05/06/2022	Telephone: 415-252-3896
Date Made Active in Reports: 07/21/2022	Last EDR Contact: 07/26/2022
Number of Days to Update: 76	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	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: 04/18/2022	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/19/2022	Telephone: 916-323-2514
Date Made Active in Reports: 07/12/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Quarterly

## **Local Land Records**

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/25/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/26/2022	Telephone: 916-323-3400
Date Made Active in Reports: 08/11/2022	Last EDR Contact: 05/25/2022
Number of Days to Update: 77	Next Scheduled EDR Contact: 09/12/2022
	Data Release Frequency: Varies

### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/05/2022	Telephone: 202-564-6023
Date Made Active in Reports: 05/31/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 26	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 05/31/2022	Source: DTSC and SWRCB
Date Data Arrived at EDR: 05/31/2022	Telephone: 916-323-3400
Date Made Active in Reports: 08/18/2022	Last EDR Contact: 05/31/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/12/2022
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/21/2022	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/21/2022	Telephone: 202-366-4555
Date Made Active in Reports: 06/14/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/03/2022	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/19/2022	Telephone: 916-845-8400
Date Made Active in Reports: 07/12/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Semi-Annually

### LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022	Source: State Water Quality Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 05/24/2022	Last EDR Contact: 05/23/2022
Number of Days to Update: 1	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/23/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/23/2022	Telephone: 866-480-1028
Date Made Active in Reports: 05/24/2022	Last EDR Contact: 05/23/2022
Number of Days to Update: 1	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	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: 06/20/2022	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2022	Telephone: (415) 495-8895
Date Made Active in Reports: 06/28/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 7	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/11/2022	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/17/2022	Telephone: 202-528-4285
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021	Source: USGS
Date Data Arrived at EDR: 07/13/2021	Telephone: 888-275-8747
Date Made Active in Reports: 03/09/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 239	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Varies

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/08/2022
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 08/03/2022  
Next Scheduled EDR Contact: 11/21/2022  
Data Release Frequency: Varies

## US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/21/2022  
Date Data Arrived at EDR: 03/21/2022  
Date Made Active in Reports: 06/14/2022  
Number of Days to Update: 85

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 06/21/2022  
Next Scheduled EDR Contact: 10/03/2022  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 08/04/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 06/17/2020  
Date Made Active in Reports: 09/10/2020  
Number of Days to Update: 85

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 06/14/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 08/14/2020  
Date Made Active in Reports: 11/04/2020  
Number of Days to Update: 82

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/11/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 07/18/2022  
Date Data Arrived at EDR: 07/18/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 11

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2022  
Date Data Arrived at EDR: 05/05/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 26

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Annually

## RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022  
Date Data Arrived at EDR: 05/04/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 07/14/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 01/25/2022	Source: EPA
Date Data Arrived at EDR: 02/03/2022	Telephone: 202-564-6023
Date Made Active in Reports: 02/25/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 22	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Quarterly

## PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 01/20/2022	Source: EPA
Date Data Arrived at EDR: 01/20/2022	Telephone: 202-566-0500
Date Made Active in Reports: 03/25/2022	Last EDR Contact: 07/08/2022
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/28/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Quarterly

## FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

## MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/11/2022	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 03/15/2022	Telephone: 301-415-7169
Date Made Active in Reports: 06/14/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 91	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020	Source: Department of Energy
Date Data Arrived at EDR: 11/30/2021	Telephone: 202-586-8719
Date Made Active in Reports: 02/22/2022	Last EDR Contact: 06/02/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/12/2022
	Data Release Frequency: Varies

## COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 05/25/2022
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/12/2022
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/04/2022
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

## RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/01/2019	Telephone: 202-343-9775
Date Made Active in Reports: 09/23/2019	Last EDR Contact: 06/23/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Quarterly

## HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

## HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2022  
Date Data Arrived at EDR: 04/14/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

## BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 03/02/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 23

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/21/2022  
Next Scheduled EDR Contact: 10/03/2022  
Data Release Frequency: Biennially

## INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 07/08/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

## FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021  
Date Data Arrived at EDR: 07/27/2021  
Date Made Active in Reports: 10/22/2021  
Number of Days to Update: 87

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/28/2020  
Number of Days to Update: 74

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/10/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2022  
Date Data Arrived at EDR: 05/05/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 26

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 08/01/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Varies

## LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

## US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/02/2022  
Date Data Arrived at EDR: 05/25/2022  
Date Made Active in Reports: 07/29/2022  
Number of Days to Update: 65

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Semi-Annually

## MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/21/2022  
Date Data Arrived at EDR: 03/22/2022  
Date Made Active in Reports: 03/25/2022  
Number of Days to Update: 3

Source: DOL, Mine Safety & Health Admi  
Telephone: 202-693-9424  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Quarterly

## US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/10/2022  
Date Data Arrived at EDR: 03/10/2022  
Date Made Active in Reports: 06/14/2022  
Number of Days to Update: 96

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 06/14/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Quarterly

## FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/13/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 13

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 05/18/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Quarterly

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/02/2022  
Date Data Arrived at EDR: 04/05/2022  
Date Made Active in Reports: 06/28/2022  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 07/01/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/21/2021	Telephone: 202-564-0527
Date Made Active in Reports: 08/11/2021	Last EDR Contact: 05/19/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 09/05/2022
	Data Release Frequency: Varies

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2020	Source: Department of Defense
Date Data Arrived at EDR: 01/11/2022	Telephone: 703-704-1564
Date Made Active in Reports: 02/14/2022	Last EDR Contact: 07/07/2022
Number of Days to Update: 34	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Varies

## FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/16/2022	Source: EPA
Date Data Arrived at EDR: 05/17/2022	Telephone: 800-385-6164
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Quarterly

## CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	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: 03/21/2022	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 03/21/2022	Telephone: 916-323-3400
Date Made Active in Reports: 06/14/2022	Last EDR Contact: 06/21/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Quarterly

## CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 12/07/2021	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 05/09/2022	Telephone: 925-454-2361
Date Made Active in Reports: 05/17/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 8	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Varies

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/27/2021  
Date Data Arrived at EDR: 09/01/2021  
Date Made Active in Reports: 11/19/2021  
Number of Days to Update: 79

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 06/01/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Annually

**DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing**  
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/25/2022  
Date Data Arrived at EDR: 05/26/2022  
Date Made Active in Reports: 08/11/2022  
Number of Days to Update: 77

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 05/25/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Varies

**DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing**  
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 05/20/2022  
Date Data Arrived at EDR: 05/20/2022  
Date Made Active in Reports: 08/09/2022  
Number of Days to Update: 81

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 08/16/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

**EMI: Emissions Inventory Data**

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2019  
Date Data Arrived at EDR: 06/10/2021  
Date Made Active in Reports: 08/27/2021  
Number of Days to Update: 78

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 06/13/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: Varies

**ENF: Enforcement Action Listing**

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/12/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 42

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

**Financial Assurance 1: Financial Assurance Information Listing**

Financial Assurance information

Date of Government Version: 04/19/2022  
Date Data Arrived at EDR: 04/29/2022  
Date Made Active in Reports: 07/15/2022  
Number of Days to Update: 77

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 07/21/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

**Financial Assurance 2: Financial Assurance Information Listing**

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/23/2022  
Date Data Arrived at EDR: 02/24/2022  
Date Made Active in Reports: 05/18/2022  
Number of Days to Update: 83

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 08/02/2022  
Next Scheduled EDR Contact: 11/21/2022  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/15/2020	Telephone: 916-255-1136
Date Made Active in Reports: 07/02/2020	Last EDR Contact: 07/05/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/16/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/17/2022	Telephone: 877-786-9427
Date Made Active in Reports: 08/03/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Quarterly

## HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/16/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/17/2022	Telephone: 916-323-3400
Date Made Active in Reports: 08/03/2022	Last EDR Contact: 08/11/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Quarterly

## HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/05/2022	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/05/2022	Telephone: 916-440-7145
Date Made Active in Reports: 06/27/2022	Last EDR Contact: 07/05/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 10/17/2022
	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: 03/07/2022	Source: Department of Conservation
Date Data Arrived at EDR: 03/08/2022	Telephone: 916-322-1080
Date Made Active in Reports: 06/01/2022	Last EDR Contact: 06/07/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/19/2022
	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: 05/06/2022	Source: Department of Public Health
Date Data Arrived at EDR: 05/31/2022	Telephone: 916-558-1784
Date Made Active in Reports: 08/18/2022	Last EDR Contact: 05/31/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/12/2022
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/09/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 05/09/2022	Telephone: 916-445-9379
Date Made Active in Reports: 07/29/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 81	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: Quarterly

## PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 05/31/2022	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 05/31/2022	Telephone: 916-445-4038
Date Made Active in Reports: 08/18/2022	Last EDR Contact: 05/31/2022
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/12/2022
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/07/2022	Source: Department of Conservation
Date Data Arrived at EDR: 03/08/2022	Telephone: 916-323-3836
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 06/07/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/11/2022	Source: State Water Resources Control Board
Date Data Arrived at EDR: 03/15/2022	Telephone: 916-445-3846
Date Made Active in Reports: 06/08/2022	Last EDR Contact: 06/09/2022
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/26/2022
	Data Release Frequency: No Update Planned

## UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/07/2022	Source: Department of Conservation
Date Data Arrived at EDR: 03/08/2022	Telephone: 916-445-2408
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 06/07/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/19/2022
	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: 05/23/2022

Date Data Arrived at EDR: 05/23/2022

Date Made Active in Reports: 06/02/2022

Number of Days to Update: 10

Source: State Water Resource Control Board

Telephone: 866-480-1028

Last EDR Contact: 05/23/2022

Next Scheduled EDR Contact: 09/19/2022

Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021

Date Data Arrived at EDR: 07/01/2021

Date Made Active in Reports: 09/29/2021

Number of Days to Update: 90

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577

Last EDR Contact: 07/08/2022

Next Scheduled EDR Contact: 10/17/2022

Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007

Date Data Arrived at EDR: 06/20/2007

Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227

Last EDR Contact: 08/09/2022

Next Scheduled EDR Contact: 11/28/2022

Data Release Frequency: No Update Planned

## WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009

Date Data Arrived at EDR: 07/21/2009

Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726

Last EDR Contact: 06/14/2022

Next Scheduled EDR Contact: 10/03/2022

Data Release Frequency: No Update Planned

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 05/23/2022

Date Data Arrived at EDR: 05/23/2022

Date Made Active in Reports: 06/02/2022

Number of Days to Update: 10

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 05/23/2022

Next Scheduled EDR Contact: 09/19/2022

Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 05/23/2022

Date Data Arrived at EDR: 05/23/2022

Date Made Active in Reports: 06/02/2022

Number of Days to Update: 10

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 05/23/2022

Next Scheduled EDR Contact: 09/19/2022

Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/07/2022  
Date Data Arrived at EDR: 03/08/2022  
Date Made Active in Reports: 06/03/2022  
Number of Days to Update: 87

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 06/07/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Quarterly

## CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/16/2022  
Date Data Arrived at EDR: 08/17/2022  
Date Made Active in Reports: 08/18/2022  
Number of Days to Update: 1

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/12/2022  
Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/18/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
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: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/23/2022  
Date Data Arrived at EDR: 05/23/2022  
Date Made Active in Reports: 06/02/2022  
Number of Days to Update: 10

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 05/23/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Varies

## HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 04/05/2022  
Date Data Arrived at EDR: 04/05/2022  
Date Made Active in Reports: 04/26/2022  
Number of Days to Update: 21

Source: Department of Toxic Substances Control  
Telephone: 916-324-2444  
Last EDR Contact: 07/06/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

## MINES MRDS: Mineral Resources Data System Mineral Resources Data System

Date of Government Version: 04/06/2018  
Date Data Arrived at EDR: 10/21/2019  
Date Made Active in Reports: 10/24/2019  
Number of Days to Update: 3

Source: USGS  
Telephone: 703-648-6533  
Last EDR Contact: 08/17/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014  
Date Data Arrived at EDR: 01/06/2015  
Date Made Active in Reports: 05/06/2015  
Number of Days to Update: 120

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

## PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011  
Date Data Arrived at EDR: 08/05/2011  
Date Made Active in Reports: 09/29/2011  
Number of Days to Update: 55

Source: EPA, Office of Water  
Telephone: 202-564-2496  
Last EDR Contact: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

## PCS ENF: Enforcement data

No description is available for this data

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 02/05/2015  
Date Made Active in Reports: 03/06/2015  
Number of Days to Update: 29

Source: EPA  
Telephone: 202-564-2497  
Last EDR Contact: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Varies

## **EDR HIGH RISK HISTORICAL RECORDS**

### ***EDR Exclusive Records***

#### **EDR MGP: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### **EDR Hist Auto: EDR Exclusive Historical Auto Stations**

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### **EDR Hist Cleaner: EDR Exclusive Historical Cleaners**

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## **EDR RECOVERED GOVERNMENT ARCHIVES**

### ***Exclusive Recovered Govt. Archives***

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	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	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 06/28/2022
Number of Days to Update: 53	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 06/29/2022	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 06/29/2022	Telephone: 510-567-6700
Date Made Active in Reports: 07/21/2022	Last EDR Contact: 06/29/2022
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/22/2022	Source: Amador County Environmental Health
Date Data Arrived at EDR: 07/27/2022	Telephone: 209-223-6439
Date Made Active in Reports: 08/01/2022	Last EDR Contact: 07/26/2022
Number of Days to Update: 5	Next Scheduled EDR Contact: 11/14/2022
	Data Release Frequency: Varies

### BUTTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing  
Cupa facility list.

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 06/28/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing  
Cupa Facility Listing

Date of Government Version: 03/17/2022  
Date Data Arrived at EDR: 03/18/2022  
Date Made Active in Reports: 06/08/2022  
Number of Days to Update: 82

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 06/14/2022  
Next Scheduled EDR Contact: 10/03/2022  
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List  
Cupa facility list.

Date of Government Version: 04/06/2020  
Date Data Arrived at EDR: 04/23/2020  
Date Made Active in Reports: 07/10/2020  
Number of Days to Update: 78

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 04/21/2022  
Date Data Arrived at EDR: 04/22/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 81

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List  
Cupa Facility list

Date of Government Version: 05/04/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

EL DORADO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 02/16/2022  
Date Data Arrived at EDR: 02/17/2022  
Date Made Active in Reports: 05/10/2022  
Number of Days to Update: 82

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 07/20/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021  
Date Data Arrived at EDR: 12/21/2021  
Date Made Active in Reports: 03/03/2022  
Number of Days to Update: 72

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 07/01/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018  
Date Data Arrived at EDR: 01/24/2018  
Date Made Active in Reports: 03/14/2018  
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: No Update Planned

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 08/12/2021  
Date Data Arrived at EDR: 08/12/2021  
Date Made Active in Reports: 11/08/2021  
Number of Days to Update: 88

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

### CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## INYO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List  
Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 72

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List

A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 05/06/2022  
Date Data Arrived at EDR: 05/12/2022  
Date Made Active in Reports: 08/01/2022  
Number of Days to Update: 81

Source: Kern County Public Health  
Telephone: 661-321-3000  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing  
Kern County Sites and Tanks Listing.

Date of Government Version: 05/06/2022  
Date Data Arrived at EDR: 05/12/2022  
Date Made Active in Reports: 08/01/2022  
Number of Days to Update: 81

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020  
Date Data Arrived at EDR: 01/26/2021  
Date Made Active in Reports: 04/14/2021  
Number of Days to Update: 78

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 02/10/2022  
Date Data Arrived at EDR: 02/11/2022  
Date Made Active in Reports: 05/04/2022  
Number of Days to Update: 82

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 07/07/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 07/31/2020  
Date Data Arrived at EDR: 08/21/2020  
Date Made Active in Reports: 11/09/2020  
Number of Days to Update: 80

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 06/09/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/04/2022  
Date Data Arrived at EDR: 04/05/2022  
Date Made Active in Reports: 04/13/2022  
Number of Days to Update: 8

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 06/29/2022  
Next Scheduled EDR Contact: 10/17/2022  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/11/2022  
Date Data Arrived at EDR: 04/12/2022  
Date Made Active in Reports: 07/05/2022  
Number of Days to Update: 84

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 07/11/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

### LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2022  
Date Data Arrived at EDR: 01/21/2022  
Date Made Active in Reports: 04/11/2022  
Number of Days to Update: 80

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 07/06/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

### LOS ANGELES AST: Active & Inactive AST Inventory

A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019  
Date Data Arrived at EDR: 06/25/2019  
Date Made Active in Reports: 08/22/2019  
Number of Days to Update: 58

Source: Los Angeles Fire Department  
Telephone: 213-978-3800  
Last EDR Contact: 06/14/2022  
Next Scheduled EDR Contact: 10/03/2022  
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: 01/10/2022	Source: Los Angeles County Department of Public Works
Date Data Arrived at EDR: 01/12/2022	Telephone: 626-458-6973
Date Made Active in Reports: 04/04/2022	Last EDR Contact: 07/06/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: No Update Planned

## LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 01/13/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 03/21/2022	Telephone: 213-978-3800
Date Made Active in Reports: 06/15/2022	Last EDR Contact: 06/24/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Varies

## LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 01/13/2022	Source: Los Angeles Fire Department
Date Data Arrived at EDR: 03/21/2022	Telephone: 213-978-3800
Date Made Active in Reports: 06/15/2022	Last EDR Contact: 06/24/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/03/2022
	Data Release Frequency: Varies

## SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/26/2021	Source: Community Health Services
Date Data Arrived at EDR: 07/09/2021	Telephone: 323-890-7806
Date Made Active in Reports: 09/29/2021	Last EDR Contact: 07/14/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/24/2022
	Data Release Frequency: Annually

## UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 07/06/2022
Number of Days to Update: 21	Next Scheduled EDR Contact: 10/24/2022
	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: 07/12/2022
Number of Days to Update: 65	Next Scheduled EDR Contact: 10/31/2022
	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: 04/20/2022	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/21/2022	Telephone: 310-618-2973
Date Made Active in Reports: 07/12/2022	Last EDR Contact: 07/13/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020	Source: Madera County Environmental Health
Date Data Arrived at EDR: 08/12/2020	Telephone: 559-675-7823
Date Made Active in Reports: 10/23/2020	Last EDR Contact: 08/09/2022
Number of Days to Update: 72	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites  
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	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: 06/22/2022
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database  
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021	Source: Department of Public Health
Date Data Arrived at EDR: 11/18/2021	Telephone: 707-463-4466
Date Made Active in Reports: 11/22/2021	Last EDR Contact: 08/16/2022
Number of Days to Update: 4	Next Scheduled EDR Contact: 12/05/2022
	Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

Date of Government Version: 02/15/2022	Source: Merced County Environmental Health
Date Data Arrived at EDR: 02/17/2022	Telephone: 209-381-1094
Date Made Active in Reports: 05/11/2022	Last EDR Contact: 08/09/2022
Number of Days to Update: 83	Next Scheduled EDR Contact: 11/28/2022
	Data Release Frequency: Varies

MONO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 02/22/2021  
Date Data Arrived at EDR: 03/02/2021  
Date Made Active in Reports: 05/19/2021  
Number of Days to Update: 78

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: Varies

## MONTEREY COUNTY:

### CUPA MONTEREY: CUPA Facility Listing CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021  
Date Data Arrived at EDR: 10/06/2021  
Date Made Active in Reports: 12/29/2021  
Number of Days to Update: 84

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 08/16/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Varies

## NAPA COUNTY:

### LUST NAPA: Sites With Reported Contamination A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017  
Date Data Arrived at EDR: 01/11/2017  
Date Made Active in Reports: 03/02/2017  
Number of Days to Update: 50

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: No Update Planned

### UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019  
Date Data Arrived at EDR: 09/09/2019  
Date Made Active in Reports: 10/31/2019  
Number of Days to Update: 52

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA NEVADA: CUPA Facility List CUPA facility list.

Date of Government Version: 07/21/2022  
Date Data Arrived at EDR: 07/25/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 3

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 07/19/2022  
Next Scheduled EDR Contact: 11/07/2022  
Data Release Frequency: Varies

## ORANGE COUNTY:

### IND\_SITE ORANGE: List of Industrial Site Cleanups Petroleum and non-petroleum spills.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 05/09/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 80

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 08/03/2022  
Number of Days to Update: 77

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 07/29/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/08/2022  
Date Data Arrived at EDR: 05/03/2022  
Date Made Active in Reports: 07/20/2022  
Number of Days to Update: 78

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 08/01/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/25/2022  
Date Data Arrived at EDR: 05/26/2022  
Date Made Active in Reports: 06/01/2022  
Number of Days to Update: 6

Source: Placer County Health and Human Services  
Telephone: 530-745-2363  
Last EDR Contact: 05/25/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019  
Date Data Arrived at EDR: 04/23/2019  
Date Made Active in Reports: 06/26/2019  
Number of Days to Update: 64

Source: Plumas County Environmental Health  
Telephone: 530-283-6355  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
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: 03/31/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 04/08/2022  
Number of Days to Update: 8

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/09/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 03/31/2022  
Date Data Arrived at EDR: 03/31/2022  
Date Made Active in Reports: 04/08/2022  
Number of Days to Update: 8

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 06/09/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 06/18/2021  
Date Data Arrived at EDR: 09/28/2021  
Date Made Active in Reports: 12/14/2021  
Number of Days to Update: 77

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/30/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Quarterly

### ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 05/04/2022  
Date Data Arrived at EDR: 06/30/2022  
Date Made Active in Reports: 07/05/2022  
Number of Days to Update: 6

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 06/30/2022  
Next Scheduled EDR Contact: 10/10/2022  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 04/29/2022  
Date Data Arrived at EDR: 04/29/2022  
Date Made Active in Reports: 05/05/2022  
Number of Days to Update: 6

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/12/2022  
Date Data Arrived at EDR: 05/12/2022  
Date Made Active in Reports: 05/18/2022  
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/31/2022  
Date Data Arrived at EDR: 05/31/2022  
Date Made Active in Reports: 08/18/2022  
Number of Days to Update: 79

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 05/31/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Quarterly

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/27/2021  
Date Data Arrived at EDR: 03/04/2022  
Date Made Active in Reports: 05/31/2022  
Number of Days to Update: 88

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021  
Date Data Arrived at EDR: 10/19/2021  
Date Made Active in Reports: 01/13/2022  
Number of Days to Update: 86

Source: Department of Environmental Health  
Telephone: 858-505-6874  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010  
Date Data Arrived at EDR: 06/15/2010  
Date Made Active in Reports: 07/09/2010  
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 05/25/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 05/05/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/28/2022  
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

### LUST SAN FRANCISCO: Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/19/2008  
Date Data Arrived at EDR: 09/19/2008  
Date Made Active in Reports: 09/29/2008  
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: No Update Planned

## UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/05/2022  
Date Data Arrived at EDR: 05/06/2022  
Date Made Active in Reports: 07/20/2022  
Number of Days to Update: 75

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Quarterly

## SAN FRANCISCO COUNTY:

### SAN FRANCISCO MAHER: Maher Ordinance Property Listing

a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 01/18/2022  
Date Data Arrived at EDR: 01/20/2022  
Date Made Active in Reports: 04/27/2022  
Number of Days to Update: 97

Source: San Francisco Planning  
Telephone: 628-652-7483  
Last EDR Contact: 07/05/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## SAN JOAQUIN COUNTY:

### UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018  
Date Data Arrived at EDR: 06/26/2018  
Date Made Active in Reports: 07/11/2018  
Number of Days to Update: 15

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 06/09/2022  
Next Scheduled EDR Contact: 09/26/2022  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 05/16/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 08/04/2022  
Number of Days to Update: 78

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

### BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020  
Date Data Arrived at EDR: 02/20/2020  
Date Made Active in Reports: 04/24/2020  
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/10/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019  
Date Data Arrived at EDR: 03/29/2019  
Date Made Active in Reports: 05/29/2019  
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 06/02/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: No Update Planned

## SANTA CLARA COUNTY:

### CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2022  
Date Data Arrived at EDR: 05/18/2022  
Date Made Active in Reports: 08/04/2022  
Number of Days to Update: 78

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

### HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/23/2009  
Next Scheduled EDR Contact: 06/22/2009  
Data Release Frequency: No Update Planned

### LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014  
Date Data Arrived at EDR: 03/05/2014  
Date Made Active in Reports: 03/18/2014  
Number of Days to Update: 13

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 08/15/2022  
Next Scheduled EDR Contact: 12/05/2022  
Data Release Frequency: No Update Planned

### SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020  
Date Data Arrived at EDR: 11/05/2020  
Date Made Active in Reports: 01/26/2021  
Number of Days to Update: 82

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 05/23/2017  
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## SHASTA COUNTY:

### CUPA SHASTA: CUPA Facility List Cupa Facility List.

Date of Government Version: 06/15/2017  
Date Data Arrived at EDR: 06/19/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 51

Source: Shasta County Department of Resource Management  
Telephone: 530-225-5789  
Last EDR Contact: 08/09/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Varies

## SOLANO COUNTY:

### LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019  
Date Data Arrived at EDR: 06/06/2019  
Date Made Active in Reports: 08/13/2019  
Number of Days to Update: 68

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 05/25/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Quarterly

### UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021  
Date Data Arrived at EDR: 09/16/2021  
Date Made Active in Reports: 12/09/2021  
Number of Days to Update: 84

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 05/25/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 07/02/2021  
Date Data Arrived at EDR: 07/06/2021  
Date Made Active in Reports: 07/14/2021  
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 06/14/2022  
Next Scheduled EDR Contact: 10/03/2022  
Data Release Frequency: Varies

### LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021  
Date Data Arrived at EDR: 06/30/2021  
Date Made Active in Reports: 09/24/2021  
Number of Days to Update: 86

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 06/14/2022  
Next Scheduled EDR Contact: 10/04/2021  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 02/08/2022  
Date Data Arrived at EDR: 02/10/2022  
Date Made Active in Reports: 05/04/2022  
Number of Days to Update: 83

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 07/11/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks Underground storage tank sites located in Sutter county.

Date of Government Version: 05/03/2022  
Date Data Arrived at EDR: 05/27/2022  
Date Made Active in Reports: 08/11/2022  
Number of Days to Update: 76

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 05/25/2022  
Next Scheduled EDR Contact: 09/12/2022  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 01/13/2021  
Date Data Arrived at EDR: 01/14/2021  
Date Made Active in Reports: 04/06/2021  
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 07/26/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 04/18/2022  
Date Data Arrived at EDR: 04/19/2022  
Date Made Active in Reports: 07/12/2022  
Number of Days to Update: 84

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 07/13/2022  
Next Scheduled EDR Contact: 10/31/2022  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 04/26/2021  
Date Data Arrived at EDR: 04/28/2021  
Date Made Active in Reports: 07/13/2021  
Number of Days to Update: 76

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 07/12/2022  
Next Scheduled EDR Contact: 11/14/2022  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018	Source: Divison of Environmental Health
Date Data Arrived at EDR: 04/25/2018	Telephone: 209-533-5633
Date Made Active in Reports: 06/25/2018	Last EDR Contact: 07/12/2022
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Varies

## VENTURA COUNTY:

### BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/28/2022	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 04/28/2022	Telephone: 805-654-2813
Date Made Active in Reports: 07/15/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 06/22/2022
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: No Update Planned

### LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 08/02/2022
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: No Update Planned

### MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/28/2022	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/28/2022	Telephone: 805-654-2813
Date Made Active in Reports: 07/15/2022	Last EDR Contact: 07/18/2022
Number of Days to Update: 78	Next Scheduled EDR Contact: 10/31/2022
	Data Release Frequency: Quarterly

### UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/28/2022	Source: Environmental Health Division
Date Data Arrived at EDR: 03/08/2022	Telephone: 805-654-2813
Date Made Active in Reports: 06/02/2022	Last EDR Contact: 06/07/2022
Number of Days to Update: 86	Next Scheduled EDR Contact: 09/19/2022
	Data Release Frequency: Quarterly

## YOLO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST YOLO: Underground Storage Tank Comprehensive Facility Report  
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/24/2022	Source: Yolo County Department of Health
Date Data Arrived at EDR: 03/31/2022	Telephone: 530-666-8646
Date Made Active in Reports: 06/27/2022	Last EDR Contact: 06/22/2022
Number of Days to Update: 88	Next Scheduled EDR Contact: 10/10/2022
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List  
CUPA facility listing for Yuba County.

Date of Government Version: 05/03/2022	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/05/2022	Telephone: 530-749-7523
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 08/02/2022
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Varies

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/08/2022	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/09/2022	Telephone: 860-424-3375
Date Made Active in Reports: 07/28/2022	Last EDR Contact: 08/08/2022
Number of Days to Update: 80	Next Scheduled EDR Contact: 11/21/2022
	Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/10/2019	Telephone: N/A
Date Made Active in Reports: 05/16/2019	Last EDR Contact: 06/28/2022
Number of Days to Update: 36	Next Scheduled EDR Contact: 10/17/2022
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 10/29/2021	Telephone: 518-402-8651
Date Made Active in Reports: 01/19/2022	Last EDR Contact: 07/29/2022
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/07/2022
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018  
Date Data Arrived at EDR: 07/19/2019  
Date Made Active in Reports: 09/10/2019  
Number of Days to Update: 53

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 07/06/2022  
Next Scheduled EDR Contact: 10/24/2022  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2020  
Date Data Arrived at EDR: 11/30/2021  
Date Made Active in Reports: 02/18/2022  
Number of Days to Update: 80

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/10/2022  
Next Scheduled EDR Contact: 11/28/2022  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 06/19/2019  
Date Made Active in Reports: 09/03/2019  
Number of Days to Update: 76

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 06/03/2022  
Next Scheduled EDR Contact: 09/19/2022  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

## Electric Power Transmission Line Data

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### STREET AND ADDRESS INFORMATION

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

VVWRA  
20111 SHAY ROAD  
VICTORVILLE, CA 92394

### TARGET PROPERTY COORDINATES

Latitude (North): 34.612055 - 34° 36' 43.40"  
Longitude (West): 117.358546 - 117° 21' 30.77"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 467127.6  
UTM Y (Meters): 3829884.8  
Elevation: 2663 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map:	12016037 VICTORVILLE, CA
Version Date:	2018
Northeast Map:	12015977 HELENDALE, CA
Version Date:	2018
Southwest Map:	12015937 ADELANTO, CA
Version Date:	2018
Northwest Map:	12016039 VICTORVILLE NW, CA
Version Date:	2018

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

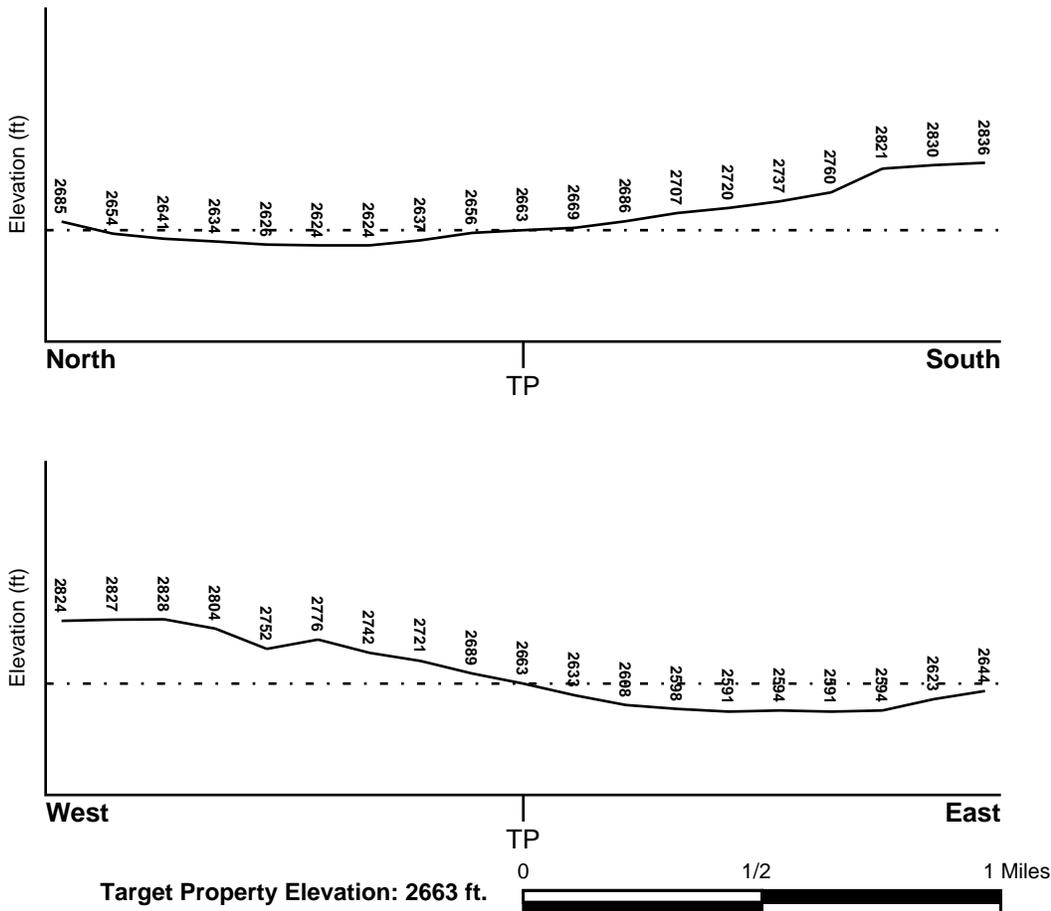
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06071C5805H	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06071C5150H	FEMA FIRM Flood data
06071C5785H	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
VICTORVILLE	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

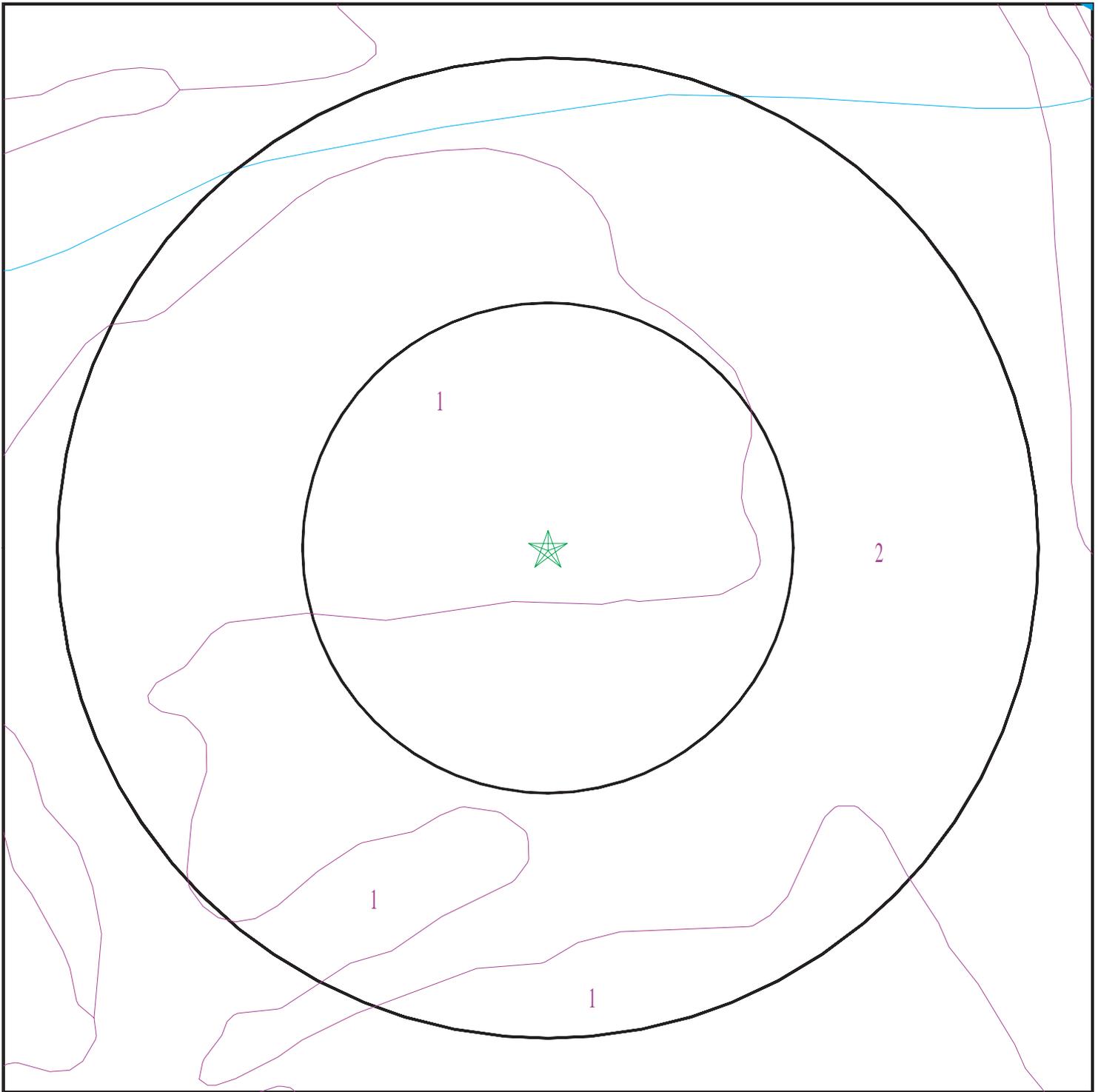
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# SSURGO SOIL MAP - 7091817.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water

0 1/16 1/8 1/4 Miles



SITE NAME: VVWRA  
ADDRESS: 20111 Shay Road  
Victorville CA 92394  
LAT/LONG: 34.612055 / 117.358546

CLIENT: Trinity Consultants  
CONTACT: Tiffany Wang  
INQUIRY #: 7091817.2s  
DATE: August 19, 2022 9:16 am

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

### Soil Map ID: 1

Soil Component Name: CAJON

Soil Surface Texture:  
Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	5 inches	42 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	42 inches	59 inches		Not reported	Not reported	Max: 141 Min: 42	Max: 8.4 Min: 7.4

### Soil Map ID: 2

Soil Component Name: Cajon

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	5 inches	25 inches	sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
3	25 inches	59 inches	stratified gravelly sand to sand	Granular materials (35 pct. or less passing No. 200), Fine Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
B4	USGS40000148345	1/8 - 1/4 Mile ESE
B10	USGS40000148336	1/4 - 1/2 Mile ESE
B12	USGS40000148326	1/4 - 1/2 Mile ESE
C13	USGS40000148554	1/4 - 1/2 Mile NNE
B14	USGS40000148324	1/4 - 1/2 Mile ESE
B15	USGS40000148325	1/4 - 1/2 Mile ESE
16	USGS40000148555	1/4 - 1/2 Mile NNW
E18	USGS40000148539	1/4 - 1/2 Mile ENE
D26	USGS40000148260	1/4 - 1/2 Mile SE
D27	USGS40000148249	1/4 - 1/2 Mile SE
C29	USGS40000148573	1/4 - 1/2 Mile NNE
H32	USGS40000148240	1/4 - 1/2 Mile SE
I33	USGS40000148633	1/4 - 1/2 Mile North
I36	USGS40000148650	1/4 - 1/2 Mile North
G37	USGS40000148540	1/4 - 1/2 Mile NE
39	USGS40000148632	1/4 - 1/2 Mile NNE
40	USGS40000148665	1/4 - 1/2 Mile NNW
J41	USGS40000148737	1/2 - 1 Mile North
K43	USGS40000148725	1/2 - 1 Mile NNE
L45	USGS40000148788	1/2 - 1 Mile North
L47	USGS40000148801	1/2 - 1 Mile North
N50	USGS40000148813	1/2 - 1 Mile North
N52	USGS40000148812	1/2 - 1 Mile NNE
54	USGS40000148822	1/2 - 1 Mile NNE
M55	USGS40000148827	1/2 - 1 Mile North
O57	USGS40000148834	1/2 - 1 Mile North
Q60	USGS40000147962	1/2 - 1 Mile SSW
P62	USGS40000148303	1/2 - 1 Mile East
S67	USGS40000148874	1/2 - 1 Mile North
R72	USGS40000148631	1/2 - 1 Mile ENE
R73	USGS40000148630	1/2 - 1 Mile ENE
74	USGS40000148860	1/2 - 1 Mile NNW
U77	USGS40000148859	1/2 - 1 Mile NNE
U78	USGS40000148858	1/2 - 1 Mile NNE
79	USGS40000148302	1/2 - 1 Mile East
V86	USGS40000148857	1/2 - 1 Mile NNE
V87	USGS40000148856	1/2 - 1 Mile NNE
W88	USGS40000148855	1/2 - 1 Mile NE
W91	USGS40000148853	1/2 - 1 Mile NE
W92	USGS40000148854	1/2 - 1 Mile NE
X98	USGS40000147882	1/2 - 1 Mile SSE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
Z99	USGS40000148945	1/2 - 1 Mile North
X102	USGS40000147881	1/2 - 1 Mile SSE
X103	USGS40000147880	1/2 - 1 Mile SSE
Y111	USGS40000148774	1/2 - 1 Mile NE
Y112	USGS40000148775	1/2 - 1 Mile NE
AC113	USGS40000148934	1/2 - 1 Mile NNE
AA118	USGS40000148323	1/2 - 1 Mile East

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

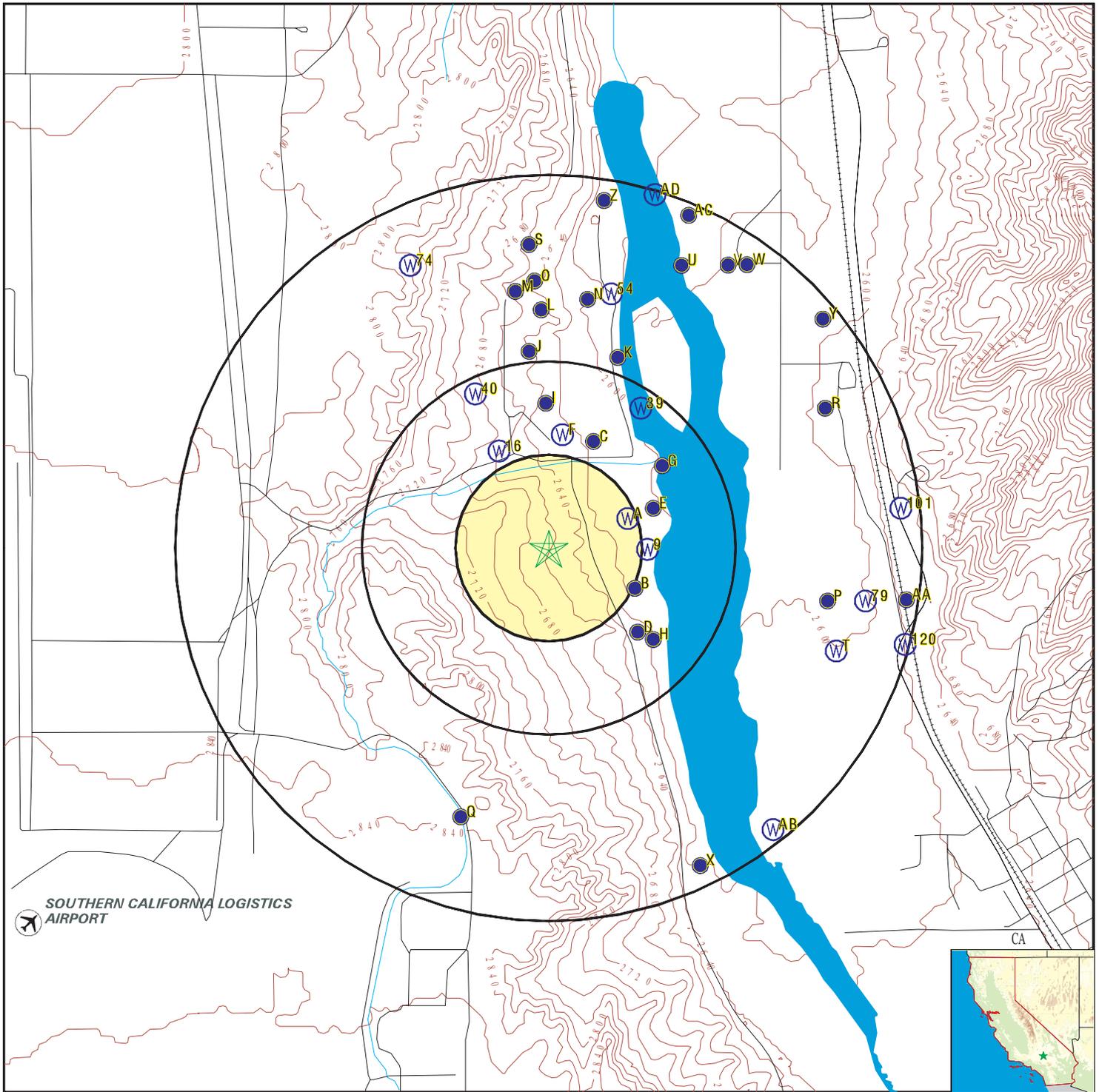
MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000111630	1/8 - 1/4 Mile ENE
B2	CADWR9000010951	1/8 - 1/4 Mile ESE
A3	CADWR9000010980	1/8 - 1/4 Mile ENE
B5	CADWR9000010950	1/8 - 1/4 Mile ESE
B6	CADWR9000010949	1/8 - 1/4 Mile ESE
B7	CADWR9000010948	1/8 - 1/4 Mile ESE
A8	CAEDF0000096166	1/4 - 1/2 Mile ENE
9	CAEDF0000057642	1/4 - 1/2 Mile East
B11	CAEDF0000104263	1/4 - 1/2 Mile ESE
D17	CADWR9000010925	1/4 - 1/2 Mile SE
E19	CAUSGSN00000035	1/4 - 1/2 Mile ENE
F20	CAUSGSN00011167	1/4 - 1/2 Mile North
F21	CAUSGSN00001262	1/4 - 1/2 Mile North
F22	CADDW0000012787	1/4 - 1/2 Mile North
F23	CADDW0000000471	1/4 - 1/2 Mile North
F24	CAPFAS000000427	1/4 - 1/2 Mile North
C25	CADWR9000011003	1/4 - 1/2 Mile NNE
D28	CAEDF0000143568	1/4 - 1/2 Mile SE
G30	CADWR9000010999	1/4 - 1/2 Mile NE
D31	CADWR9000010922	1/4 - 1/2 Mile SE
H34	CAUSGSN00013483	1/4 - 1/2 Mile SE
G35	CAUSGSN00015931	1/4 - 1/2 Mile ENE
I38	CADWR9000011030	1/4 - 1/2 Mile North
J42	CADWR9000011049	1/2 - 1 Mile North
K44	CADWR9000011046	1/2 - 1 Mile NNE
L46	CADWR9000011058	1/2 - 1 Mile North
M48	CADWR9000011064	1/2 - 1 Mile North
L49	CADWR9000011068	1/2 - 1 Mile North
N51	CADWR9000011067	1/2 - 1 Mile North
N53	CADWR9000011071	1/2 - 1 Mile North

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
O56	CAUSGSN00012075	1/2 - 1 Mile North
M58	CADWR9000011075	1/2 - 1 Mile North
P59	CADWR9000010939	1/2 - 1 Mile East
Q61	CADWR9000010841	1/2 - 1 Mile SSW
P63	CADWR9000010938	1/2 - 1 Mile East
R64	CADWR9000011023	1/2 - 1 Mile ENE
S65	CAUSGSN00011271	1/2 - 1 Mile North
T66	6532	1/2 - 1 Mile ESE
S68	CADWR9000011089	1/2 - 1 Mile North
U69	CADWR9000011085	1/2 - 1 Mile NNE
U70	CADWR9000011084	1/2 - 1 Mile NNE
T71	6531	1/2 - 1 Mile ESE
U75	CAUSGSN00017675	1/2 - 1 Mile NNE
U76	CAUSGSN00006092	1/2 - 1 Mile NNE
V80	CADWR9000011082	1/2 - 1 Mile NNE
V81	CADWR9000011083	1/2 - 1 Mile NNE
V82	CADWR9000011080	1/2 - 1 Mile NNE
V83	CADWR9000011079	1/2 - 1 Mile NNE
V84	CAUSGSN00006777	1/2 - 1 Mile NE
V85	CAUSGSN00001212	1/2 - 1 Mile NE
W89	CAUSGSN00008599	1/2 - 1 Mile NE
W90	CAUSGSN00012833	1/2 - 1 Mile NE
X93	CADWR9000010812	1/2 - 1 Mile SSE
X94	CADWR9000010811	1/2 - 1 Mile SSE
W95	CAUSGSN00003150	1/2 - 1 Mile NE
Y96	CADWR9000011055	1/2 - 1 Mile NE
W97	CADWR9000011081	1/2 - 1 Mile NE
Z100	CADWR9000011130	1/2 - 1 Mile North
101	CADWR9000010979	1/2 - 1 Mile East
AA104	CADWR9000010947	1/2 - 1 Mile East
X105	CAUSGSN00011178	1/2 - 1 Mile SSE
X106	CAUSGSN00010322	1/2 - 1 Mile SSE
AA107	CADWR9000010937	1/2 - 1 Mile East
Y108	CADWR9000011063	1/2 - 1 Mile NE
AB109	CADWR9000010836	1/2 - 1 Mile SE
AB110	CADWR9000010835	1/2 - 1 Mile SE
AC114	CADWR9000011125	1/2 - 1 Mile NNE
AC115	CAUSGSN00008583	1/2 - 1 Mile NNE
AD116	CADWR9000011134	1/2 - 1 Mile NNE
AD117	CADWR9000011133	1/2 - 1 Mile NNE
AA119	CAEDF0000109145	1/2 - 1 Mile East
120	CAEDF0000000206	1/2 - 1 Mile ESE
AD121	CAUSGSN00005592	1/2 - 1 Mile NNE
AD122	CAUSGSN00000046	1/2 - 1 Mile NNE

# PHYSICAL SETTING SOURCE MAP - 7091817.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: VVWRA  
 ADDRESS: 20111 Shay Road  
 Victorville CA 92394  
 LAT/LONG: 34.612055 / 117.358546

CLIENT: Trinity Consultants  
 CONTACT: Tiffany Wang  
 INQUIRY #: 7091817.2s  
 DATE: August 19, 2022 9:16 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A1**  
**ENE**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CAEDF0000111630**

Well ID:	T10000009134-MW-7R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-7R&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-7R&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-7R">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-7R</a>		

**B2**  
**ESE**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADWR9000010951**

State Well #:	06N05W13G002S	Station ID:	28134
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**A3**  
**ENE**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADWR9000010980**

State Well #:	06N05W13B001S	Station ID:	4897
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**B4**  
**ESE**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS40000148345**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G007S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**B5**  
**ESE**  
 1/8 - 1/4 Mile  
 Lower

**CA WELLS      CADWR9000010950**

State Well #:	06N05W13G001S	Station ID:	4899
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**B6**  
**ESE**  
 1/8 - 1/4 Mile  
 Lower

**CA WELLS      CADWR9000010949**

State Well #:	06N05W13G006S	Station ID:	38327
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**B7**  
**ESE**  
 1/8 - 1/4 Mile  
 Lower

**CA WELLS      CADWR9000010948**

State Well #:	06N05W13G005S	Station ID:	28135
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**A8**  
**ENE**  
 1/4 - 1/2 Mile  
 Lower

**CA WELLS      CAEDF0000096166**

Well ID:	T10000009134-MW-8R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-8R&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-8R&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-8R">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-8R</a>		

**9**  
**East**  
 1/4 - 1/2 Mile  
 Lower

**CA WELLS      CAEDF0000057642**

Well ID:	T10000009134-MW-3R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-3R&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-3R&amp;store_num=</a>		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

GeoTracker Data: [https://geotracker.waterboards.ca.gov/profile\\_report.asp?cmd=MWEDFResults&global\\_id=T10000009134&assigned\\_name=MW-3R](https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000009134&assigned_name=MW-3R)

**B10**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS40000148336**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G002S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1948	Well Depth:	78.3
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1957-10-04
Feet below surface:	20.34	Feet to sea level:	Not Reported
Note:	Not Reported		

**B11**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS CAEDF0000104263**

Well ID:	T10000009134-MW-6R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-6R&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-6R&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-6R">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-6R</a>		

**B12**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS40000148326**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G001S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1957	Well Depth:	54
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1957-10-04
---------------------------------------------	---	---------------------	------------

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet below surface:	15.23	Feet to sea level:	Not Reported
Note:	Not Reported		

**C13**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148554**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12P003S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**B14**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148324**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G005S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	8.1
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-09-13
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

**B15**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148325**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G006S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	17.8
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	3	Level reading date:	1996-05-14
Feet below surface:	16.07	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1996-04-09	Feet below surface:	14.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-13	Feet below surface:	16.69
Feet to sea level:	Not Reported	Note:	Not Reported

**16  
NNW  
1/4 - 1/2 Mile  
Higher**

**FED USGS      USGS40000148555**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12N002S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**D17  
SE  
1/4 - 1/2 Mile  
Lower**

**CA WELLS      CADWR9000010925**

State Well #:	06N05W13G004S	Station ID:	4900
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**E18  
ENE  
1/4 - 1/2 Mile  
Lower**

**FED USGS      USGS40000148539**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13B001S	Type:	Well
Description:	Well destroyed in Feb 1998 high water.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19951213	Well Depth:	103
Well Depth Units:	ft	Well Hole Depth:	104
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	28	Level reading date:	1998-03-12
Feet below surface:	Not Reported	Feet to sea level:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note:	The well was destroyed (no water level is recorded).		
Level reading date:	1998-02-17	Feet below surface:	4.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-16	Feet below surface:	6.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-19	Feet below surface:	5.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-12	Feet below surface:	5.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-13	Feet below surface:	5.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-12	Feet below surface:	5.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-12	Feet below surface:	5.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-14	Feet below surface:	6.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-12	Feet below surface:	6.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	6.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	5.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	5.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-14	Feet below surface:	5.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-07	Feet below surface:	5.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	6.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-16	Feet below surface:	5.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-13	Feet below surface:	5.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-16	Feet below surface:	5.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-09	Feet below surface:	6.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-16	Feet below surface:	6.11
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-08-19	Feet below surface:	6.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-16	Feet below surface:	6.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	6.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	6.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	5.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-15	Feet below surface:	5.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-24	Feet below surface:	5.61
Feet to sea level:	Not Reported	Note:	Not Reported

**E19**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS    CAUSGSN00000035**

Well ID:	USGS-343655117210701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343655117210701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343655117210701&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343655117210701&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**F20**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS    CAUSGSN00011167**

Well ID:	USGS-343600117210001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343600117210001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343600117210001&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343600117210001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**F21**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS    CAUSGS000001262**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**F22**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADDW0000012787**

Well ID:	3601130-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 2	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3601130-002&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3601130-002&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**F23**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADDW0000000471**

Well ID:	3601145-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 2	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3601145-002&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3601145-002&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**F24**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CAPFAS000000427**

Well ID:	3601145-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 2	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3601145-002&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&amp;samp_date=&amp;global_id=&amp;assigned_name=3601145-002&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**C25**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADWR9000011003**

State Well #:	06N05W12Q002S	Station ID:	4896
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D26**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148260**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G003S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	17.8
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**D27**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148249**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G004S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	38
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	6	Level reading date:	2004-03-30
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

Level reading date:	2000-03-22	Feet below surface:	32.47
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-04-03	Feet below surface:	30.44
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-05-14	Feet below surface:	32.35
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-04-09	Feet below surface:	31.64
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-09-13	Feet below surface:	32.46
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D28**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CAEDF0000143568**

Well ID:	T10000009134-MW-2R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-2R&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=T10000009134&amp;assigned_name=MW-2R&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-2R">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=T10000009134&amp;assigned_name=MW-2R</a>		

**C29**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148573**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12Q002S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	45.4
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1996-05-14
Feet below surface:	22.03	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1996-04-09	Feet below surface:	21.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-12	Feet below surface:	20.25
Feet to sea level:	Not Reported	Note:	Not Reported

**G30**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADWR9000010999**

State Well #:	06N05W13B002S	Station ID:	4898
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D31**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADWR9000010922**

State Well #:	06N05W13G008S	Station ID:	4901
Well Name:	OW-2 VV-9	Basin Name:	Upper Mojave River Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	36	Well Completion Rpt #:	Not Reported

**H32**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148240**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13G008S	Type:	Well
Description:	Depth measured 35,84 ft in 2003.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	35.84
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	79	Level reading date:	2004-11-04
Feet below surface:	1.24	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-10-11	Feet below surface:	2.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-09	Feet below surface:	2.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	1.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	2.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-14	Feet below surface:	2.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	2.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	2.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-31	Feet below surface:	2.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	2.88
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2004-01-15	Feet below surface:	3.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	3.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	3.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	11.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	11.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	11.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	11.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	10.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-19	Feet below surface:	10.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	11.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	11.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	11.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	11.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	11.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	11.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	11.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	11.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	13.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	10.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	10.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	11.45
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-01-20	Feet below surface:	11.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	11.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	12.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-21	Feet below surface:	12.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-13	Feet below surface:	11.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-16	Feet below surface:	11.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-15	Feet below surface:	11.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-15	Feet below surface:	11.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	10.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	10.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-15	Feet below surface:	10.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-25	Feet below surface:	10.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-15	Feet below surface:	10.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-16	Feet below surface:	11.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-12	Feet below surface:	11.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-12	Feet below surface:	11.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	11.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-17	Feet below surface:	11.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-16	Feet below surface:	9.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-11	Feet below surface:	8.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-15	Feet below surface:	8.68
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-03-12	Feet below surface:	8.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-17	Feet below surface:	9.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-16	Feet below surface:	11.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-19	Feet below surface:	11.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-12	Feet below surface:	12.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-13	Feet below surface:	11.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-12	Feet below surface:	11.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-12	Feet below surface:	11.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-14	Feet below surface:	11.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-12	Feet below surface:	11.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	10.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	10.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	10.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-14	Feet below surface:	10.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	11.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-16	Feet below surface:	11.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-13	Feet below surface:	11.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-21	Feet below surface:	11.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-19	Feet below surface:	11.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-30	Feet below surface:	11.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	10.97
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-06-18	Feet below surface:	10.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	10.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-10	Feet below surface:	9.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-09	Feet below surface:	9.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-13	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-24	Feet below surface:	11.09
Feet to sea level:	Not Reported	Note:	Not Reported

**I33**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148633**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12P001S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	128.5
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1957-10-04
Feet below surface:	51.73	Feet to sea level:	Not Reported
Note:	Not Reported		

**H34**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CAUSGSN00013483**

Well ID:	USGS-343631117211001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343631117211001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343631117211001&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343631117211001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**G35**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CAUSGSN00015931**

Well ID:	USGS-343655117210702	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343655117210702	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343655117210702&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343655117210702&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**I36**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148650**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12P002S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	42.5
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	6	Level reading date:	2004-03-31
Feet below surface:	24.83	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2000-03-22	Feet below surface:	35.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-03	Feet below surface:	33.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	34.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-09	Feet below surface:	34.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-12-11	Feet below surface:	34.48
Feet to sea level:	Not Reported	Note:	Not Reported

**G37**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148540**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W13B002S	Type:	Well

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Description:	Well destroyed by high water in Feb 1998.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19951223	Well Depth:	25
Well Depth Units:	ft	Well Hole Depth:	27
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	24	Level reading date:	1998-03-12
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The well was destroyed (no water level is recorded).		

Level reading date:	1998-02-17	Feet below surface:	4.91
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-01-16	Feet below surface:	5.28
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-12-19	Feet below surface:	6.20
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-11-12	Feet below surface:	6.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-10-13	Feet below surface:	6.35
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-09-12	Feet below surface:	6.32
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-08-12	Feet below surface:	6.31
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-07-14	Feet below surface:	5.70
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-06-12	Feet below surface:	5.77
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-05-14	Feet below surface:	5.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-04-15	Feet below surface:	5.81
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-03-13	Feet below surface:	5.87
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-02-14	Feet below surface:	6.18
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-01-16	Feet below surface:	5.84
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-12-16	Feet below surface:	6.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-11-13	Feet below surface:	6.41
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-08-19	Feet below surface:	6.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-16	Feet below surface:	6.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	6.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	6.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	6.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-15	Feet below surface:	6.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-24	Feet below surface:	5.61
Feet to sea level:	Not Reported	Note:	Not Reported

**I38**  
**North**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADWR9000011030**

State Well #:	06N05W12P002S	Station ID:	50186
Well Name:	06N05W12P02	Basin Name:	Upper Mojave River Valley
Well Use:	Industrial	Well Type:	Single Well
Well Depth:	160	Well Completion Rpt #:	9156

**39**  
**NNE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS40000148632**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18090208
Monitor Location:	006N005W12Q001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Contrib Drainage Area:	Not Reported	Well Depth:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers	Well Hole Depth:	Not Reported
Formation Type:	Not Reported		
Construction Date:	Not Reported		
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

**40**  
**NNW**  
**1/4 - 1/2 Mile**  
**Higher**

**FED USGS      USGS40000148665**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18090208
Monitor Location:	006N005W12N001S		
Description:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**J41**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148737**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12L004S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	97.3
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-12-11
Feet below surface:	63.04	Feet to sea level:	Not Reported
Note:	Not Reported		

**J42**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011049**

State Well #:	06N05W12L004S	Station ID:	4891
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**K43**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148725**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12K001S	Type:	Well
Description:	Depth measured 58.95 ft in 2003.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	58.95
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels, Number of Measurements:	83	Level reading date:	2004-11-04
Feet below surface:	6.40	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-10-11	Feet below surface:	5.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-09	Feet below surface:	6.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	6.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	6.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-14	Feet below surface:	6.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	6.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	6.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-31	Feet below surface:	6.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	8.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	9.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	9.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-03	Feet below surface:	9.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	9.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-14	Feet below surface:	9.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	9.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	10.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-18	Feet below surface:	10.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	11.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	9.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	10.85

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	10.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	10.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	10.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	10.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	10.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	10.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	9.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-20	Feet below surface:	11.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	11.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	10.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	9.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	9.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	14.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	11.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	11.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	11.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	12.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	13.10
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1999-11-15	Feet below surface:	12.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-21	Feet below surface:	12.06
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1999-09-13	Feet below surface:	12.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-16	Feet below surface:	11.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-15	Feet below surface:	10.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-15	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	12.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	12.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-15	Feet below surface:	11.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-25	Feet below surface:	12.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-15	Feet below surface:	13.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-16	Feet below surface:	13.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-12	Feet below surface:	12.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-12	Feet below surface:	13.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	12.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-17	Feet below surface:	11.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-07-15	Feet below surface:	11.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-16	Feet below surface:	12.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-11	Feet below surface:	11.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-15	Feet below surface:	10.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-03	Feet below surface:	10.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-12	Feet below surface:	9.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-17	Feet below surface:	10.32
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-01-16	Feet below surface:	10.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-19	Feet below surface:	11.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-12	Feet below surface:	10.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-13	Feet below surface:	12.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-12	Feet below surface:	9.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-12	Feet below surface:	9.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-14	Feet below surface:	9.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-12	Feet below surface:	11.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	13.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	13.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	12.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-14	Feet below surface:	12.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	12.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-16	Feet below surface:	13.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-13	Feet below surface:	13.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-19	Feet below surface:	10.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	10.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	10.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	13.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-09	Feet below surface:	13.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-12	Feet below surface:	9.71
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**K44**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011046**

State Well #:	06N05W12K001S	Station ID:	28133
Well Name:	NW-2 VV-7	Basin Name:	Upper Mojave River Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	60	Well Completion Rpt #:	Not Reported

**L45**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148788**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12L002S	Type:	Well
Description:	COMPUTER GENERATED LAG/LONG ACCURATE +/- 500 FT		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1957-10-04
Feet below surface:	21.70	Feet to sea level:	Not Reported
Note:	Not Reported		

**L46**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADWR9000011058**

State Well #:	06N05W12L002S	Station ID:	4889
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**L47**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148801**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12L003S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	Not Reported	Well Depth:	99
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1995-12-11
Feet below surface:	61.16	Feet to sea level:	Not Reported
Note:	Not Reported		

**M48**  
North  
1/2 - 1 Mile  
Higher

**CA WELLS    CADWR9000011064**

State Well #:	06N05W12L003S	Station ID:	4890
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**L49**  
North  
1/2 - 1 Mile  
Lower

**CA WELLS    CADWR9000011068**

State Well #:	06N05W12L007S	Station ID:	4893
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**N50**  
North  
1/2 - 1 Mile  
Lower

**FED USGS    USGS40000148813**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18090208
Monitor Location:	006N005W12L007S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	Basin and Range basin-fill aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	Not Reported
Construction Date:	Not Reported	Well Hole Depth:	Not Reported
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1996-05-14
Feet below surface:	20.21	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1996-04-09	Feet below surface:	19.78
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1996-03-13	Feet below surface:	19.34
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**N51**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011067**

State Well #:	06N05W12K003S	Station ID:	4886
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**N52**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148812**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12K003S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	41.5
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	3	Level reading date:	1996-04-09
Feet below surface:	17.72	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1996-03-13	Feet below surface:	17.20
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-12-11	Feet below surface:	17.67
Feet to sea level:	Not Reported	Note:	Not Reported

**N53**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011071**

State Well #:	06N05W12K002S	Station ID:	4885
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**54**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148822**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Monitor Location:	006N005W12K002S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	56.75
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	4	Level reading date:	1996-05-14
Feet below surface:	6.93	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1996-04-09	Feet below surface:	7.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-13	Feet below surface:	7.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-12	Feet below surface:	6.65
Feet to sea level:	Not Reported	Note:	Not Reported

**M55**  
North  
1/2 - 1 Mile  
Lower

**FED USGS      USGS40000148827**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12L006S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	98.2
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**O56**  
North  
1/2 - 1 Mile  
Lower

**CA WELLS      CAUSGSN00012075**

Well ID:	USGS-343721117213001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343721117213001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343721117213001&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343721117213001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**O57**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148834**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12L005S	Type:	Well
Description:	Well destroyed during VVWRA expansion.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	73.51
Well Depth Units:	ft	Well Hole Depth:	74
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	84	Level reading date:	2004-11-04
Feet below surface:	50.02	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-10-11	Feet below surface:	50.94
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-09-09	Feet below surface:	51.39
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-08-02	Feet below surface:	51.47
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-07-12	Feet below surface:	51.54
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-06-14	Feet below surface:	51.74
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-05-10	Feet below surface:	51.77
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-04-16	Feet below surface:	51.82
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-03-29	Feet below surface:	51.52
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-02-19	Feet below surface:	51.53
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-15	Feet below surface:	52.52
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-12-10	Feet below surface:	53.17
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-11-14	Feet below surface:	53.49
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-10-16	Feet below surface:	53.75
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2003-09-03	Feet below surface:	54.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	54.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-14	Feet below surface:	54.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	54.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	54.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-18	Feet below surface:	54.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	57.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	56.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	57.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	57.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	57.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	57.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	57.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	57.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	57.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	56.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	57.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	57.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	57.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	57.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	61.05
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-04-24	Feet below surface:	59.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	58.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	58.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	58.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	58.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	58.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-21	Feet below surface:	58.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-13	Feet below surface:	58.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-16	Feet below surface:	58.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-15	Feet below surface:	58.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-15	Feet below surface:	58.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	59.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	59.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-15	Feet below surface:	59.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-25	Feet below surface:	60.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-15	Feet below surface:	60.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-16	Feet below surface:	59.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-12	Feet below surface:	59.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-12	Feet below surface:	59.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	58.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-17	Feet below surface:	58.20
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-02-17	Feet below surface:	57.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-16	Feet below surface:	57.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-19	Feet below surface:	58.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-12	Feet below surface:	59.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-13	Feet below surface:	57.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-12	Feet below surface:	57.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-12	Feet below surface:	56.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-14	Feet below surface:	57.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-12	Feet below surface:	57.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-28	Feet below surface:	58.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	59.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	59.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	58.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-14	Feet below surface:	58.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	58.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-16	Feet below surface:	58.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-13	Feet below surface:	58.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-16	Feet below surface:	57.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-16	Feet below surface:	56.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-22	Feet below surface:	56.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-21	Feet below surface:	56.18
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-07-31	Feet below surface:	56.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	57.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	57.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	58.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-13	Feet below surface:	58.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-28	Feet below surface:	57.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-24	Feet below surface:	58.16
Feet to sea level:	Not Reported	Note:	Not Reported

**M58**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000011075**

State Well #:	06N05W12L005S	Station ID:	4892
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**P59**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000010939**

State Well #:	06N04W18E001S	Station ID:	27440
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**Q60**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS    USGS40000147962**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	Not Reported
Monitor Location:	006N005W13N001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Contrib Drainage Area:	Not Reported	Well Depth:	131.5
Aquifer:	Basin and Range basin-fill aquifers	Well Hole Depth:	Not Reported
Formation Type:	Not Reported		
Construction Date:	Not Reported		
Well Depth Units:	ft		
Well Hole Depth Units:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:	4	Level reading date:	2002-04-02
Feet below surface:	111.43	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2000-04-11	Feet below surface:	110.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-11	Feet below surface:	114.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-27	Feet below surface:	117.44
Feet to sea level:	Not Reported	Note:	Not Reported

**Q61**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR9000010841**

State Well #:	06N05W13N001S	Station ID:	28432
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**P62**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS40000148303**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18090208
Monitor Location:	006N004W18E001S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Drainage Area:	Not Reported		
Contrib Drainage Area:	Not Reported		
Aquifer:	Basin and Range basin-fill aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	Not Reported
Construction Date:	1954	Well Hole Depth:	Not Reported
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1958-12-04
Feet below surface:	9	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1957-09-27	Feet below surface:	7.55
Feet to sea level:	Not Reported	Note:	Not Reported

**P63**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000010938**

State Well #:	06N04W18E002S	Station ID:	5720
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**R64**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011023**

State Well #:	06N04W07N001S	Station ID:	27437
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**S65**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00011271**

Well ID:	USGS-343726117213001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343726117213001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343726117213001&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343726117213001&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**T66**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      6532**

Seq:	6532	Prim sta c:	06N/04W-18L06 S
Frds no:	3600413001	County:	36
District:	66	User id:	36C
System no:	3600413	Water type:	G
Source nam:	NEW WELL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	343628.0	Longitude:	1172040.0
Precision:	2	Status:	AR
Comment 1:	1978 ACTIVE	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3600413	System nam:	Oro Vista Apartments
Hqname:	Not Reported	Address:	19684 NATIONAL TRAILS HWY
City:	OR GRANDE	State:	CA
Zip:	92368	Zip ext:	Not Reported
Pop serv:	165	Connection:	33
Area serve:	Not Reported		

**S67**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148874**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12F001S	Type:	Well
Description:	Depth measured 78.08 ft in 2003.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	78.08
Well Depth Units:	ft	Well Hole Depth:	90
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	84	Level reading date:	2004-10-11
Feet below surface:	65.72	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-09-09	Feet below surface:	65.98
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-08-02	Feet below surface:	66.08
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-07-12	Feet below surface:	65.97
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-06-14	Feet below surface:	65.93
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-05-10	Feet below surface:	65.60
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-04-16	Feet below surface:	65.27
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-03-29	Feet below surface:	62.84
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-02-19	Feet below surface:	67.57
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-15	Feet below surface:	68.58
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-12-10	Feet below surface:	69.26
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-11-14	Feet below surface:	69.64
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-10-16	Feet below surface:	69.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-09-03	Feet below surface:	70.20
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-08-05	Feet below surface:	70.25
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-07-14	Feet below surface:	70.42
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-06-16	Feet below surface:	70.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-05-13	Feet below surface:	70.60
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-18	Feet below surface:	70.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-02-05	Feet below surface:	71.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	72.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	71.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	72.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	72.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	72.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	71.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	71.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	71.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	71.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	71.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	72.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	72.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	72.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	72.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	72.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	75.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	74.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	73.10
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-02-17	Feet below surface:	73.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	73.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	73.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	74.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-21	Feet below surface:	73.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-13	Feet below surface:	73.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-16	Feet below surface:	73.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-15	Feet below surface:	72.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-15	Feet below surface:	72.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	73.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	73.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-15	Feet below surface:	73.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-25	Feet below surface:	74.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-15	Feet below surface:	74.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-16	Feet below surface:	74.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-12	Feet below surface:	74.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-12	Feet below surface:	74.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-15	Feet below surface:	73.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-17	Feet below surface:	72.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-17	Feet below surface:	71.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-16	Feet below surface:	72.26
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1997-12-19	Feet below surface:	72.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-12	Feet below surface:	73.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-13	Feet below surface:	72.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-12	Feet below surface:	71.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-12	Feet below surface:	71.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-14	Feet below surface:	72.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-12	Feet below surface:	72.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-28	Feet below surface:	72.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	73.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	73.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	73.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-14	Feet below surface:	72.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	73.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-16	Feet below surface:	73.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-13	Feet below surface:	72.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-16	Feet below surface:	71.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-16	Feet below surface:	71.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-22	Feet below surface:	71.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-31	Feet below surface:	71.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	71.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	72.65
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-05-14	Feet below surface:	73.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-13	Feet below surface:	72.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-02-28	Feet below surface:	72.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-24	Feet below surface:	72.83
Feet to sea level:	Not Reported	Note:	Not Reported

**S68**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    CADWR9000011089**

State Well #:	06N05W12F001S	Station ID:	28129
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**U69**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000011085**

State Well #:	06N05W12K005S	Station ID:	4888
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**U70**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000011084**

State Well #:	06N05W12K004S	Station ID:	4887
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**T71**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    6531**

Seq:	6531	Prim sta c:	06N/04W-18L01 S
Frds no:	3600413002	County:	36
District:	66	User id:	36C
System no:	3600413	Water type:	G
Source nam:	OLD WELL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	343630.0	Longitude:	1172038.0
Precision:	2	Status:	AR
Comment 1:	1952 INACTIVE	Comment 2:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comment 3: Not Reported  
 Comment 5: Not Reported  
 Comment 7: Not Reported

Comment 4: Not Reported  
 Comment 6: Not Reported

System no: 3600413  
 Hqname: Not Reported  
 City: OR GRANDE  
 Zip: 92368  
 Pop serv: 165  
 Area serve: Not Reported

System nam: Oro Vista Apartments  
 Address: 19684 NATIONAL TRAILS HWY  
 State: CA  
 Zip ext: Not Reported  
 Connection: 33

**R72**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000148631**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N004W07N002S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**R73**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS USGS40000148630**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N004W07N001S	Type:	Well
Description:	COMPUTER GENERATED LAT/LONG ACCURATE +/- 500 FT		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1952	Well Depth:	28
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1957-09-27
Feet below surface:	16.89	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1957-03-02	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**74**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000148860**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W11J001S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**U75**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00017675**

Well ID:	USGS-343723117210402	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117210402	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;store_num=&amp;global_id=&amp;assigned_name=USGS-343723117210402">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;store_num=&amp;global_id=&amp;assigned_name=USGS-343723117210402</a>		
GeoTracker Data:	Not Reported		

**U76**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00006092**

Well ID:	USGS-343723117210401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117210401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;store_num=&amp;global_id=&amp;assigned_name=USGS-343723117210401">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;store_num=&amp;global_id=&amp;assigned_name=USGS-343723117210401</a>		
GeoTracker Data:	Not Reported		

**U77**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148859**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12K005S	Type:	Well
Description:	Well destroyed during 2004-05 Winter Stormflows.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Construction Date:	19970121	Well Depth:	12.01
Well Depth Units:	ft	Well Hole Depth:	13
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	48	Level reading date:	2004-10-11
Feet below surface:	8.70	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-09-09	Feet below surface:	8.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	8.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	8.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-10	Feet below surface:	9.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	9.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	9.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	8.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	8.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-15	Feet below surface:	8.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	8.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	8.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	8.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-02	Feet below surface:	8.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	8.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	9.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	9.16
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2002-01-31	Feet below surface:	9.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-21	Feet below surface:	8.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	9.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	9.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	9.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	9.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	9.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	9.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	9.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	9.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	9.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	9.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	9.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	12.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	10.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	9.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	9.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	9.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	9.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	10.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	10.62
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-06-04	Feet below surface:	9.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	10.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	10.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	11.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	12.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	11.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-30	Feet below surface:	11.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	10.36
Feet to sea level:	Not Reported	Note:	Not Reported

**U78  
NNE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000148858**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12K004S	Type:	Well
Description:	Well destroyed during 2004-05 Winter Stormflows.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970121	Well Depth:	14.4
Well Depth Units:	ft	Well Hole Depth:	15.2
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	48	Level reading date:	2004-10-11
Feet below surface:	8.86	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-09-09	Feet below surface:	8.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	8.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	8.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-10	Feet below surface:	9.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	9.17
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2004-04-16	Feet below surface:	9.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	9.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	8.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-15	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	8.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	8.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	8.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-02	Feet below surface:	8.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	9.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	9.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	9.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	9.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	9.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	9.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	9.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	9.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	9.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	9.39
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-12-15	Feet below surface:	9.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	9.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	9.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	9.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	9.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	12.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	10.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	9.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	9.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	10.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	10.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	10.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	10.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-04	Feet below surface:	9.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	10.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	10.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	11.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	12.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	11.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-30	Feet below surface:	11.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	10.40
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**79**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148302**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N004W18E002S	Type:	Well
Description:	Resident asked MWA not to return in March 1996.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	12	Level reading date:	1996-03-29
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The measurement was discontinued.		

Level reading date:	1995-11-09	Feet below surface:	7.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-03-22	Feet below surface:	1.59
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-11-16	Feet below surface:	7.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-03-23	Feet below surface:	2.96
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1993-11-16	Feet below surface:	6.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1993-03-24	Feet below surface:	3.48
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-11-19	Feet below surface:	9.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-05-07	Feet below surface:	5.53
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-04-21	Feet below surface:	5.27
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-03-10	Feet below surface:	4.65
Feet to sea level:	Not Reported		
Note:	Other conditions existed that would affect the measured water level.		

Level reading date:	1991-12-04	Feet below surface:	8.98
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**V80**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011082**

State Well #:	06N05W12H004S	Station ID:	28132
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**V81**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011083**

State Well #:	06N05W12H005S	Station ID:	4884
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**V82**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011080**

State Well #:	06N05W12H003S	Station ID:	4883
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**V83**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011079**

State Well #:	06N05W12H002S	Station ID:	4882
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**V84**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00006777**

Well ID:	USGS-343723117205602	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117205602	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205602&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205602&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**V85**  
**NE**  
 1/2 - 1 Mile  
 Lower

**CA WELLS      CAUSGSN00001212**

Well ID:	USGS-343723117205601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117205601	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205601&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205601&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**V86**  
**NNE**  
 1/2 - 1 Mile  
 Lower

**FED USGS      USGS40000148857**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12H005S	Type:	Well
Description:	Well destroyed by property owner (Hamm)		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970121	Well Depth:	13.1
Well Depth Units:	ft	Well Hole Depth:	13.6
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	50	Level reading date:	2004-10-11
Feet below surface:	8.84	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-09-09	Feet below surface:	8.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	8.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	8.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-10	Feet below surface:	8.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	8.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	8.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	8.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	8.74
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2004-01-15	Feet below surface:	8.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	8.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	8.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-02	Feet below surface:	9.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	9.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	9.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	9.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	8.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	8.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	8.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	9.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	9.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	9.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	9.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	9.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	9.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	9.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	9.43
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-09-13	Feet below surface:	9.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	9.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	9.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	9.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	12.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	9.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	9.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	9.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	9.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-19	Feet below surface:	9.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	9.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	10.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-04	Feet below surface:	9.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	9.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	10.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	11.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	11.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	10.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-31	Feet below surface:	10.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	10.65
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**V87**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148856**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12H004S	Type:	Well
Description:	Well destroyed by property owner (Hamm)		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970121	Well Depth:	16.4
Well Depth Units:	ft	Well Hole Depth:	18
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	49	Level reading date:	2004-10-11
Feet below surface:	8.87	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-09-09	Feet below surface:	8.99
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-08-02	Feet below surface:	8.95
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-07-12	Feet below surface:	8.95
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-06-10	Feet below surface:	8.95
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-05-10	Feet below surface:	8.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-04-16	Feet below surface:	8.80
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-03-24	Feet below surface:	8.75
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-02-19	Feet below surface:	8.74
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-15	Feet below surface:	8.75
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-12-10	Feet below surface:	8.81
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-11-14	Feet below surface:	8.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-10-16	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-09-02	Feet below surface:	9.17
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2003-08-05	Feet below surface:	9.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	9.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	9.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	8.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	8.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	8.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	9.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	9.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	9.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	9.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	9.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	9.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	9.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	9.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	9.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	9.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	9.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	9.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	12.53
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-04-24	Feet below surface:	9.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	9.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	9.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	9.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	9.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	9.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	10.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-04	Feet below surface:	8.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	9.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	10.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	11.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	11.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	10.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	10.61
Feet to sea level:	Not Reported	Note:	Not Reported

**W88  
NE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000148855**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12H001S	Type:	Well
Description:	Not Reported	HUC:	18090207
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Unconfined single aquifer
Construction Date:	19760201	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:      77      Level reading date:      2004-10-26

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet below surface:	17.92	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-10-11	Feet below surface:	18.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-09	Feet below surface:	18.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	18.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	18.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-10	Feet below surface:	18.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	18.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	18.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	18.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-23	Feet below surface:	18.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	18.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-15	Feet below surface:	18.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	18.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	18.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-28	Feet below surface:	18.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	18.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-02	Feet below surface:	19.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	18.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	18.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	18.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	18.41
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2003-03-04	Feet below surface:	18.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-10-17	Feet below surface:	18.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-26	Feet below surface:	18.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-10-16	Feet below surface:	18.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	18.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	18.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	18.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	18.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	18.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	18.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	18.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	18.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	18.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-25	Feet below surface:	18.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	18.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	18.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	19.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	19.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	19.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	21.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	19.28
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-03-15	Feet below surface:	18.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	19.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	19.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	19.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-19	Feet below surface:	19.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	19.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	19.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-07	Feet below surface:	19.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-27	Feet below surface:	19.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-04	Feet below surface:	18.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-15	Feet below surface:	18.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	18.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-22	Feet below surface:	20.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-24	Feet below surface:	20.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-22	Feet below surface:	19.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-15	Feet below surface:	19.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-09	Feet below surface:	19.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-10-17	Feet below surface:	20.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-09	Feet below surface:	18.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-03-15	Feet below surface:	18.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-11-15	Feet below surface:	21.40
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1994-04-12	Feet below surface:	21.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-05-19	Feet below surface:	19.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-11-25	Feet below surface:	14.66
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1992-05-26	Feet below surface:	15.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-03-11	Feet below surface:	14.52
Feet to sea level:	Not Reported	Note:	The site had been pumped recently.
Level reading date:	1991-10-29	Feet below surface:	15.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-06-20	Feet below surface:	Not Reported
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1990-05-23	Feet below surface:	14.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1989-05-19	Feet below surface:	14.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-10-27	Feet below surface:	15.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1988-05-09	Feet below surface:	Not Reported
Feet to sea level:	Not Reported	Note:	The site was being pumped.
Level reading date:	1987-05-28	Feet below surface:	15.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1987-04-23	Feet below surface:	15.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-02-01	Feet below surface:	30
Feet to sea level:	Not Reported	Note:	Not Reported

**W89  
NE  
1/2 - 1 Mile  
Lower**

**CA WELLS CAUSGSN00008599**

Well ID:	USGS-343723117205402	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117205402	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205402&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205402&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**W90**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00012833**

Well ID:	USGS-343723117205401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117205401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205401&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205401&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**W91**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148853**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12H002S	Type:	Well
Description:	Well destroyed by property owner (Hamm)		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970121	Well Depth:	24.5
Well Depth Units:	ft	Well Hole Depth:	25.2
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	50	Level reading date:	2004-10-11
Feet below surface:	17.51	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-09-09	Feet below surface:	17.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	17.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	17.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-10	Feet below surface:	17.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	17.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	17.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	17.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	17.35
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2004-01-15	Feet below surface:	17.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	17.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	17.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	17.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-02	Feet below surface:	17.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	17.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	17.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	17.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	17.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	17.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	17.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	17.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	17.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	17.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	17.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	17.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	17.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	17.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	17.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	17.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	18.02
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-09-13	Feet below surface:	18.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	18.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	18.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	18.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	20.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	18.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	18.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	18.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	18.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	18.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	18.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	18.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-04	Feet below surface:	17.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	17.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	19.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	19.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	19.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	19.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-31	Feet below surface:	19.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	19.25
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**W92**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148854**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12H003S	Type:	Well
Description:	Well destroyed by property owner (Hamm)		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970121	Well Depth:	21.22
Well Depth Units:	ft	Well Hole Depth:	21.3
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	50	Level reading date:	2004-10-11
Feet below surface:	17.58	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-09-09	Feet below surface:	17.70
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-08-02	Feet below surface:	17.68
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-07-12	Feet below surface:	17.65
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-06-10	Feet below surface:	17.66
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-05-10	Feet below surface:	17.62
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-04-16	Feet below surface:	17.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-03-24	Feet below surface:	17.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-02-19	Feet below surface:	17.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-01-15	Feet below surface:	17.46
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-12-10	Feet below surface:	18.49
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-11-14	Feet below surface:	17.61
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-10-16	Feet below surface:	17.75
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2003-09-02	Feet below surface:	17.90
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2003-08-05	Feet below surface:	17.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	17.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	17.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	17.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	17.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	17.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	17.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	17.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	17.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	17.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	17.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	17.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	17.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	18.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	18.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	18.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	18.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	18.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	18.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	18.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	21.22
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-04-24	Feet below surface:	18.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	18.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	18.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	18.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		
Level reading date:	1999-11-15	Feet below surface:	18.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-09	Feet below surface:	18.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-04	Feet below surface:	17.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	18.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	19.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	19.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	19.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	19.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-31	Feet below surface:	19.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	19.30
Feet to sea level:	Not Reported	Note:	Not Reported

**X93**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000010812**

State Well #:	06N05W24A003S	Station ID:	5042
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**X94**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000010811**

State Well #:	06N05W24A002S	Station ID:	28439
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**W95**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00003150**

Well ID:	USGS-343723117205501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343723117205501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205501&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343723117205501&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**Y96**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011055**

State Well #:	06N04W07M001S	Station ID:	5713
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**W97**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011081**

State Well #:	06N05W12H001S	Station ID:	28131
Well Name:	HM AG	Basin Name:	Upper Mojave River Valley
Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	150	Well Completion Rpt #:	Not Reported

**X98**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000147882**

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W24A001S	HUC:	18090208
Description:	Not Reported	Drainage Area Units:	Not Reported
Drainage Area:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers	Aquifer Type:	Not Reported
Formation Type:	Not Reported	Well Depth:	Not Reported
Construction Date:	Not Reported	Well Hole Depth:	Not Reported
Well Depth Units:	Not Reported		
Well Hole Depth Units:	Not Reported		

**Z99**  
**North**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148945**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12G001S	Type:	Well
Description:	Depth measured 28.0 ft in 2003.		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	28
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	83	Level reading date:	2004-11-04
Feet below surface:	3.14	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2004-10-11	Feet below surface:	3.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-09-09	Feet below surface:	3.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-08-02	Feet below surface:	3.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-07-12	Feet below surface:	3.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-06-14	Feet below surface:	3.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	3.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	3.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-31	Feet below surface:	3.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	3.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	3.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	3.40

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-03	Feet below surface:	3.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	3.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-14	Feet below surface:	3.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	3.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	3.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-04-18	Feet below surface:	3.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	3.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	3.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	3.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	3.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	3.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	3.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-02-23	Feet below surface:	3.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	3.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	3.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	3.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-20	Feet below surface:	3.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	3.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	3.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	3.30
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-06-19	Feet below surface:	3.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	3.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	3.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	3.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	3.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	3.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	3.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-15	Feet below surface:	3.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-21	Feet below surface:	3.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-09-13	Feet below surface:	3.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-16	Feet below surface:	3.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-07-15	Feet below surface:	3.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-15	Feet below surface:	3.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	3.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-04-19	Feet below surface:	3.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-03-15	Feet below surface:	3.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-25	Feet below surface:	3.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-01-15	Feet below surface:	3.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-16	Feet below surface:	3.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-12	Feet below surface:	3.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-12	Feet below surface:	3.85
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-09-15	Feet below surface:	3.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-17	Feet below surface:	3.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-07-15	Feet below surface:	3.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-16	Feet below surface:	3.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-11	Feet below surface:	3.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-15	Feet below surface:	3.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-12	Feet below surface:	3.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-17	Feet below surface:	3.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-16	Feet below surface:	3.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-19	Feet below surface:	3.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-12	Feet below surface:	4.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-13	Feet below surface:	3.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-12	Feet below surface:	3.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-12	Feet below surface:	3.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-14	Feet below surface:	3.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-12	Feet below surface:	2.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	3.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-15	Feet below surface:	3.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	3.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-14	Feet below surface:	3.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-16	Feet below surface:	3.52
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-12-16	Feet below surface:	3.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-13	Feet below surface:	3.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-19	Feet below surface:	3.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-15	Feet below surface:	3.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-18	Feet below surface:	3.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-14	Feet below surface:	3.7
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-09	Feet below surface:	3.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-13	Feet below surface:	3.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-12	Feet below surface:	3.78
Feet to sea level:	Not Reported	Note:	Not Reported

**Z100**  
North  
1/2 - 1 Mile  
Lower

**CA WELLS    CADWR9000011130**

State Well #:	06N05W12G001S	Station ID:	4879
Well Name:	OW-6 VV-6	Basin Name:	Upper Mojave River Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	29	Well Completion Rpt #:	Not Reported

**101**  
East  
1/2 - 1 Mile  
Lower

**CA WELLS    CADWR9000010979**

State Well #:	06N04W18C001S	Station ID:	5719
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**X102**  
SSE  
1/2 - 1 Mile  
Lower

**FED USGS    USGS40000147881**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W24A003S	Type:	Well
Description:	GPS:343559.19,1172100.91; well A2-2		
HUC:	18090208	Drainage Area:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970120	Well Depth:	12.3
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	19	Level reading date:	2002-03-19
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

Level reading date:	2002-01-31	Feet below surface:	Not Reported
Feet to sea level:	Not Reported		
Note:	The site was dry (no water level recorded).		

Level reading date:	2001-06-15	Feet below surface:	7.97
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-05-15	Feet below surface:	6.36
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-03-19	Feet below surface:	3.82
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-02-23	Feet below surface:	8.08
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-01-18	Feet below surface:	11.28
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-12-15	Feet below surface:	11.49
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-11-15	Feet below surface:	11.43
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-08-16	Feet below surface:	9.51
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-06-09	Feet below surface:	4.95
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-06-03	Feet below surface:	3.06
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-03-11	Feet below surface:	3.18
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-11-19	Feet below surface:	11.67
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-07-28	Feet below surface:	8.68
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-05-07	Feet below surface:	5.61
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-02-04	Feet below surface:	3.83
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1997-01-31	Feet below surface:	4.97
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	10.55
Feet to sea level:	Not Reported	Note:	Not Reported

**X103  
SSE  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS40000147880**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W24A002S	Type:	Well
Description:	GPS:343559.19,1172100.91; well A2-1		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Units:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19970120	Well Depth:	19.55
Well Depth Units:	ft	Well Hole Depth:	20.2
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	20	Level reading date:	2002-03-19
Feet below surface:	Not Reported	Feet to sea level:	Not Reported
Note:	The site was dry (no water level recorded).		

Level reading date:	2002-01-31	Feet below surface:	14.96
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-15	Feet below surface:	7.85
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-05-15	Feet below surface:	6.26
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-03-19	Feet below surface:	3.74
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-02-23	Feet below surface:	8.10
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-01-18	Feet below surface:	11.17
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-12-15	Feet below surface:	11.38
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-11-15	Feet below surface:	11.34
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-11-02	Feet below surface:	11.14
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-08-16	Feet below surface:	7.41
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-06-09	Feet below surface:	4.91
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1998-06-03	Feet below surface:	3.00
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	3.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-19	Feet below surface:	11.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-28	Feet below surface:	8.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-07	Feet below surface:	5.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-04	Feet below surface:	3.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-31	Feet below surface:	5.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-22	Feet below surface:	10.47
Feet to sea level:	Not Reported	Note:	Not Reported

**AA104**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000010947**

State Well #:	06N04W18F006S	Station ID:	5723
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**X105**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00011178**

Well ID:	USGS-343559117210101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343559117210101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343559117210101&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343559117210101&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**X106**  
**SSE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00010322**

Well ID:	USGS-343559117210102	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343559117210102	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343559117210102&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;samp_date=&amp;global_id=&amp;assigned_name=USGS-343559117210102&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**AA107**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000010937**

State Well #:	06N04W18F001S	Station ID:	27441
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**Y108**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000011063**

State Well #:	06N04W07M002S	Station ID:	27436
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**AB109**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000010836**

State Well #:	06N04W18N003S	Station ID:	5727
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**AB110**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CADWR9000010835**

State Well #:	06N04W18N002S	Station ID:	5726
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**Y111**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148774**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N004W07M001S	Type:	Well
Description:	COMPUTER GENERATED LAT/LONG ACCURATE +/- 500 FT		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1948	Well Depth:	43.5
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	1	Level reading date:	1957-09-27
Feet below surface:	18.79	Feet to sea level:	Not Reported
Note:	Not Reported		

**Y112**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148775**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N004W07M004S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1955	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**AC113**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148934**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N005W12G004S	Type:	Well
Description:	ALSO TENSIO METERS, PSYCHROMETERS, NEUTRON TUBE		
HUC:	18090208	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	Basin and Range basin-fill aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	18.5
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels, Number of Measurements:	90	Level reading date:	2004-10-11
Feet below surface:	9.01	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	2004-09-09	Feet below surface:	9.09
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-08-02	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-07-12	Feet below surface:	9.06
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2004-06-10	Feet below surface:	9.04
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## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-05-10	Feet below surface:	9.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-04-16	Feet below surface:	8.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-03-24	Feet below surface:	8.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-02-19	Feet below surface:	8.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2004-01-15	Feet below surface:	8.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-12-10	Feet below surface:	8.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-11-14	Feet below surface:	8.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-10-16	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-09-02	Feet below surface:	8.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-08-05	Feet below surface:	9.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-07-10	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-06-16	Feet below surface:	9.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2003-05-13	Feet below surface:	8.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-19	Feet below surface:	9.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-31	Feet below surface:	8.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-07-19	Feet below surface:	8.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-15	Feet below surface:	9.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-05-15	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-17	Feet below surface:	8.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-15	Feet below surface:	9.09
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2001-02-23	Feet below surface:	9.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-01-18	Feet below surface:	9.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-15	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-11-15	Feet below surface:	9.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-12	Feet below surface:	9.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-13	Feet below surface:	9.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-16	Feet below surface:	9.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-07-20	Feet below surface:	9.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-06-19	Feet below surface:	9.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-17	Feet below surface:	12.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-24	Feet below surface:	9.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-03-15	Feet below surface:	9.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-02-17	Feet below surface:	9.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-20	Feet below surface:	9.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-12-16	Feet below surface:	9.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-28	Feet below surface:	9.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-30	Feet below surface:	9.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-16	Feet below surface:	9.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-09-01	Feet below surface:	9.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-18	Feet below surface:	9.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-08-07	Feet below surface:	9.49
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-07-23	Feet below surface:	9.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-07-08	Feet below surface:	9.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-23	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-11	Feet below surface:	9.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-06-04	Feet below surface:	8.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-05-05	Feet below surface:	8.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-21	Feet below surface:	8.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-24	Feet below surface:	9.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-10	Feet below surface:	9.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-05	Feet below surface:	10.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-07	Feet below surface:	10.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-09	Feet below surface:	10.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-17	Feet below surface:	10.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-11-04	Feet below surface:	10.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-21	Feet below surface:	10.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-07	Feet below surface:	10.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-25	Feet below surface:	10.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-09	Feet below surface:	10.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-20	Feet below surface:	11.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-29	Feet below surface:	11.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-09	Feet below surface:	11.20
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1997-06-24	Feet below surface:	11.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-09	Feet below surface:	11.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-29	Feet below surface:	11.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-14	Feet below surface:	11.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-06	Feet below surface:	11.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-29	Feet below surface:	11.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-16	Feet below surface:	11.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-13	Feet below surface:	11.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-12	Feet below surface:	10.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-05	Feet below surface:	10.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-15	Feet below surface:	10.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-12-17	Feet below surface:	10.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-11-15	Feet below surface:	10.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-10-17	Feet below surface:	10.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-09-17	Feet below surface:	10.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-21	Feet below surface:	10.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-17	Feet below surface:	10.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-13	Feet below surface:	10.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-08	Feet below surface:	10.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-16	Feet below surface:	10.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-20	Feet below surface:	10.40
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-02-14	Feet below surface:	10.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-24	Feet below surface:	10.99
Feet to sea level:	Not Reported	Note:	Not Reported

**AC114**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000011125**

State Well #:	06N05W12G004S	Station ID:	4881
Well Name:	EPA-III	Basin Name:	Upper Mojave River Valley
Well Use:	Observation	Well Type:	Single Well
Well Depth:	19	Well Completion Rpt #:	Not Reported

**AC115**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CAUSGSN00008583**

Well ID:	USGS-343730117210401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-343730117210401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343730117210401&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&amp;amp_date=&amp;global_id=&amp;assigned_name=USGS-343730117210401&amp;store_num=</a>		
GeoTracker Data:	Not Reported		

**AD116**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000011134**

State Well #:	06N05W12G003S	Station ID:	28130
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

**AD117**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS    CADWR9000011133**

State Well #:	06N05W12G002S	Station ID:	4880
Well Name:	Not Reported	Basin Name:	Upper Mojave River Valley
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**AA118**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS40000148323**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	006N004W18F006S	Type:	Well
Description:	Not Reported	HUC:	18090208
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Basin and Range basin-fill aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1957-09-27
Feet below surface:	16.2	Feet to sea level:	Not Reported
Note:	Not Reported		

**AA119**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000109145**

Well ID:	L10005872922-UMW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	UMW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=L10005872922&amp;assigned_name=UMW-1&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=L10005872922&amp;assigned_name=UMW-1&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=L10005872922&amp;assigned_name=UMW-1">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=L10005872922&amp;assigned_name=UMW-1</a>		

**120**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAEDF0000000206**

Well ID:	L10005872922-UMW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	UMW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	<a href="https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=L10005872922&amp;assigned_name=UMW-2&amp;store_num=">https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&amp;samp_date=&amp;global_id=L10005872922&amp;assigned_name=UMW-2&amp;store_num=</a>		
GeoTracker Data:	<a href="https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=L10005872922&amp;assigned_name=UMW-2">https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&amp;global_id=L10005872922&amp;assigned_name=UMW-2</a>		

**AD121**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS      CAUSGSN00005592**

Well ID:	USGS-343733117210801	Well Type:	UNK
Source:	United States Geological Survey		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Other Name: USGS-343733117210801 GAMA PFAS Testing: Not Reported  
Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&store\\_num=&global\\_id=&assigned\\_name=USGS-343733117210801](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&store_num=&global_id=&assigned_name=USGS-343733117210801)  
GeoTracker Data: Not Reported

**AD122**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**CA WELLS CAUSGSN00000046**

Well ID: USGS-343733117210802 Well Type: UNK  
Source: United States Geological Survey  
Other Name: USGS-343733117210802 GAMA PFAS Testing: Not Reported  
Groundwater Quality Data: [https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&store\\_num=&global\\_id=&assigned\\_name=USGS-343733117210802](https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&store_num=&global_id=&assigned_name=USGS-343733117210802)  
GeoTracker Data: Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92301	7	0

Federal EPA Radon Zone for SAN BERNARDINO County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for SAN BERNARDINO COUNTY, CA

Number of sites tested: 18

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.678 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

## OTHER STATE DATABASE INFORMATION

### Groundwater Ambient Monitoring & Assessment Program

State Water Resources Control Board

Telephone: 916-341-5577

The GAMA Program is California's comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Health Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

### California Oil and Gas Well Locations

Source: Dept of Conservation, Geologic Energy Management Division

Telephone: 916-323-1779

Oil and Gas well locations in the state.

### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

## RADON

### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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**VVWRA**

20111 Shay Road  
Victorville, CA 92394

Inquiry Number: 7091817.5  
August 23, 2022

# The EDR-City Directory Image Report

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### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2017	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1986	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1976	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1971	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1964	<input type="checkbox"/>	<input type="checkbox"/>	Luskey Brothers & Co. Publications

## FINDINGS

### TARGET PROPERTY STREET

20111 Shay Road  
Victorville, CA 92394

Year

CD Image

Source

### SHAY RD

2017	pg A1	EDR Digital Archive	
2014	pg A2	EDR Digital Archive	
2010	pg A3	EDR Digital Archive	
2005	pg A4	EDR Digital Archive	
2000	pg A5	EDR Digital Archive	
1995	pg A6	EDR Digital Archive	
1992	pg A7	EDR Digital Archive	
1986	pg A8	Haines Criss-Cross Directory	
1980	pg A9	Haines Criss-Cross Directory	
1976	pg A10	Haines Criss-Cross Directory	
1971	pg A11	Haines Criss-Cross Directory	
1964	-	Luskey Brothers & Co. Publications	Street not listed in Source

## FINDINGS

### CROSS STREETS

No Cross Streets Identified

## **City Directory Images**

✓

-

**SHAY RD 2017**

20055 ATHENS ENTERPRISES



-

**SHAY RD 2014**

20055 ATHENS ENTERPRISES  
20111 MOUNTAIN HIGH SKI RESORT

**SHAY RD 2010**

20055 CALIFORNIA BIOMASS  
20111 SSC CONSTRUCTION



-

**SHAY RD 2005**

20111 VICTOR VALLEY WASTEWATER RECLAMATION

✓

-

**SHAY RD 2000**

20111 JOHN SCHOCK CONSTRUCTION

**SHAY RD 1995**

20111 VICTOR VALLEY WASTEWATER

✓

-

**SHAY RD 1992**

18499 CULBERTSON, LEON C

SHAY RD 1986

SHAY RD 92392  
VICTORVILLE

18325	GENTRY GERALD	246-5104	3
	ROBINSON ELECTRIC	246-5104	
	ROBINSON JIMMY F	246-5104	3
18499	CULBERTSON C LEON	246-7272	9
	CULBERTSON MARGARET	246-7272	
	• 3 BUS	2 RES	D NEW

**SHAY RD 1980**

SHAY RD 92392  
VICTORVILLE

NO LISTINGS

SHAY RD 1976

SHAY RD 92392 VICTORVILLE

14635 XXXX

00

18401 ROSS EVA

246-7218+6

\* 0 BUS

2 RES

1 NEW

SHAY RD 1971

SHAY RD 92392 VICTORVILLE

14635 HARRISON JACK H 246-8591  
• 0 BUS 1 RES



VVWRA

20111 Shay Road

Victorville, CA 92394

Inquiry Number: 7091817.3

August 18, 2022

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

08/18/22

**Site Name:**

VVWRA  
20111 Shay Road  
Victorville, CA 92394  
EDR Inquiry # 7091817.3

**Client Name:**

Trinity Consultants  
20 Corporate Park Suite 200  
Irvine, CA 92606  
Contact: Tiffany Wang



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

## Certified Sanborn Results:

**Certification #** 41EE-4665-BCFD  
**PO #** NA  
**Project** VVWRA - Phase I ESA

### UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 41EE-4665-BCFD

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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## **APPENDIX E. AERIAL PHOTOGRAPHS**

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**VVWRA**

20111 Shay Road

Victorville, CA 92394

Inquiry Number: 7091817.8

August 23, 2022

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

08/23/22

**Site Name:**

VVWRA  
20111 Shay Road  
Victorville, CA 92394  
EDR Inquiry # 7091817.8

**Client Name:**

Trinity Consultants  
20 Corporate Park Suite 200  
Irvine, CA 92606  
Contact: Tiffany Wang



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

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=1000'	Flight Year: 2016	USDA/NAIP
2012	1"=1000'	Flight Year: 2012	USDA/NAIP
2009	1"=1000'	Flight Year: 2009	USDA/NAIP
2005	1"=1000'	Flight Year: 2005	USDA/NAIP
1994	1"=1000'	Acquisition Date: January 01, 1994	USGS/DOQQ
1984	1"=1000'	Flight Date: October 07, 1984	USDA
1978	1"=1000'	Flight Date: September 30, 1978	USGS
1968	1"=1000'	Flight Date: May 28, 1968	USDA
1959	1"=1000'	Flight Date: January 01, 1959	USDA
1953	1"=1000'	Flight Date: January 23, 1953	USDA

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INQUIRY #: 7091817.8

YEAR: 2016

— = 1000'





INQUIRY #: 7091817.8

YEAR: 2012

— = 1000'





INQUIRY #: 7091817.8

YEAR: 2009

— = 1000'



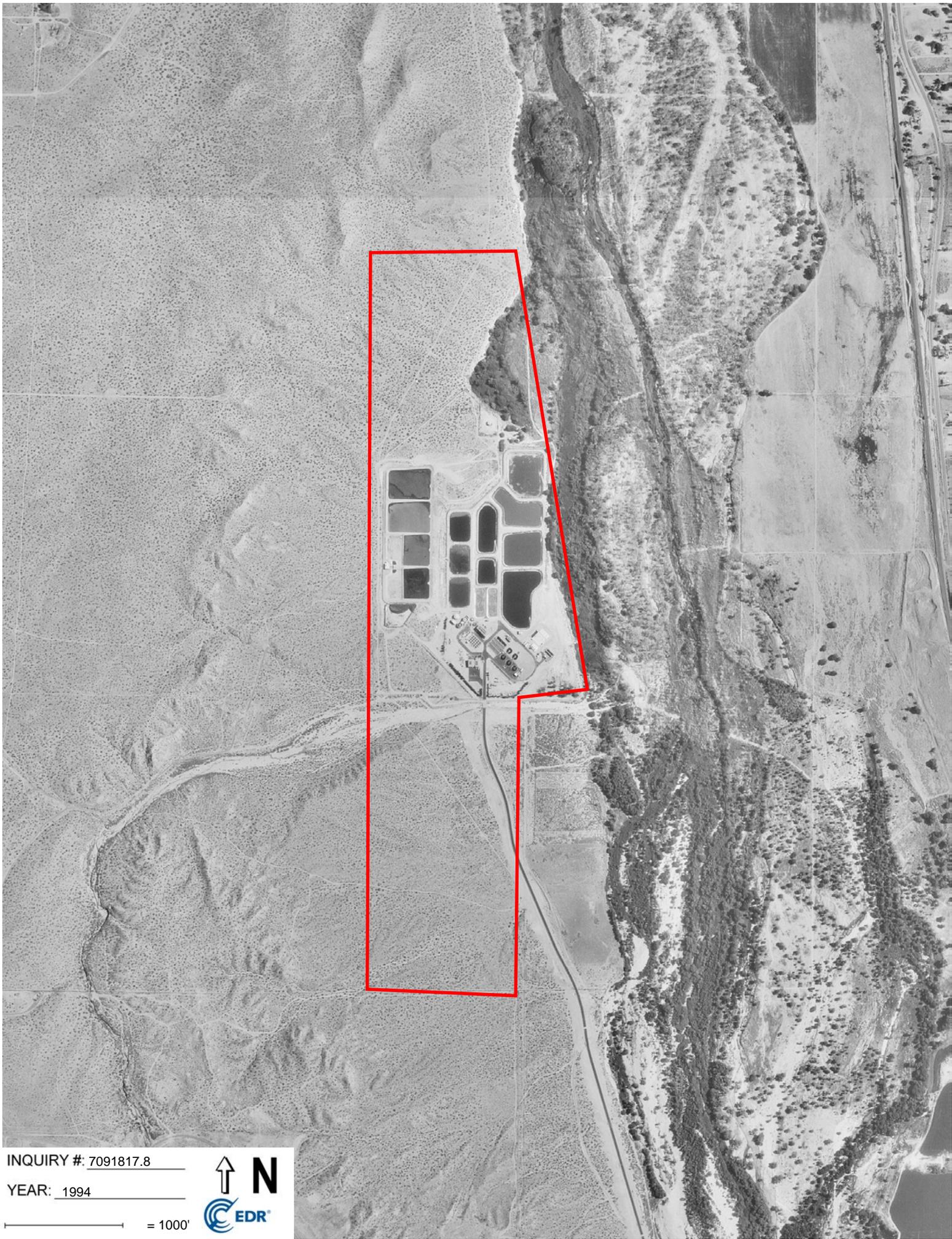


INQUIRY #: 7091817.8

YEAR: 2005

— = 1000'



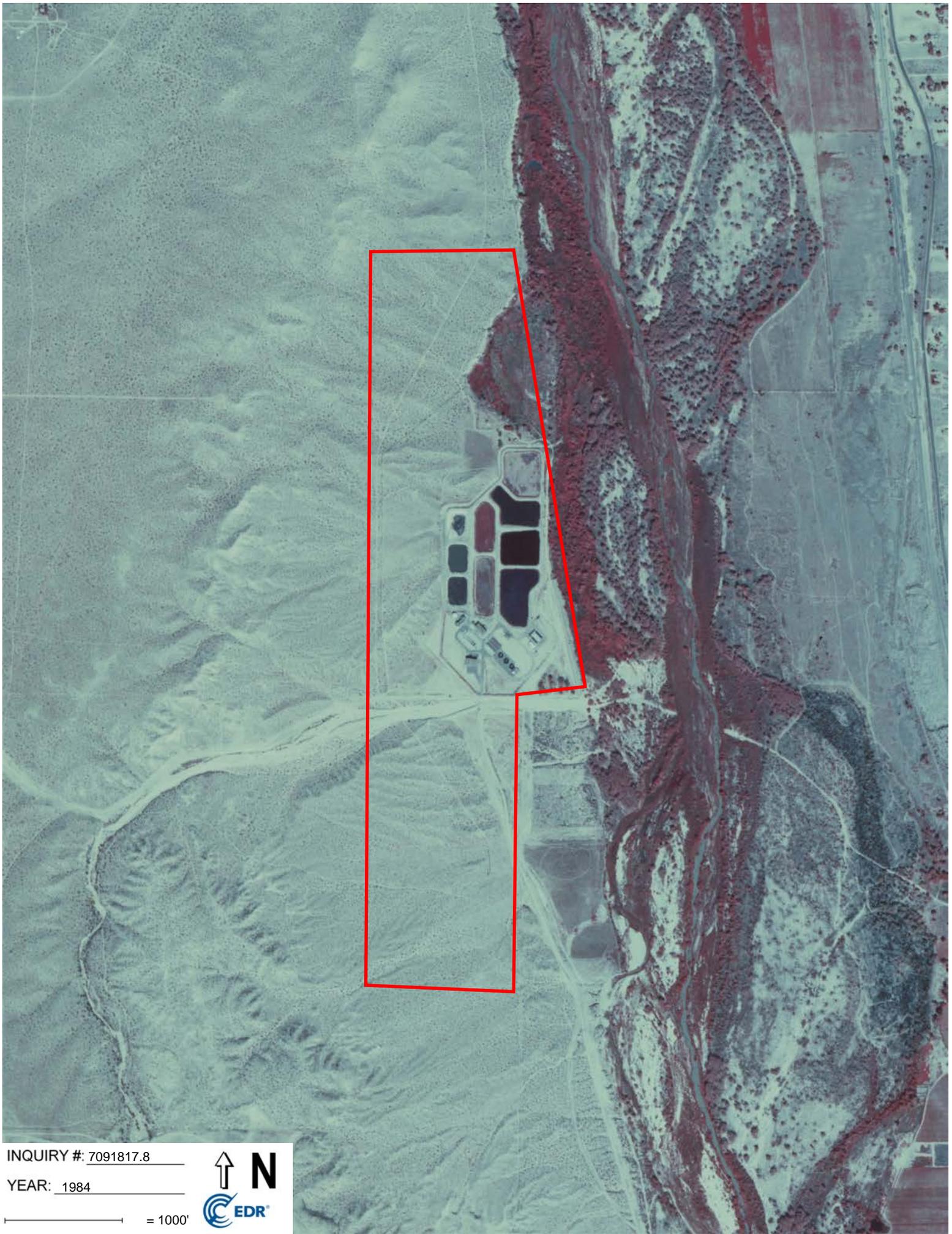


INQUIRY #: 7091817.8

YEAR: 1994

— = 1000'



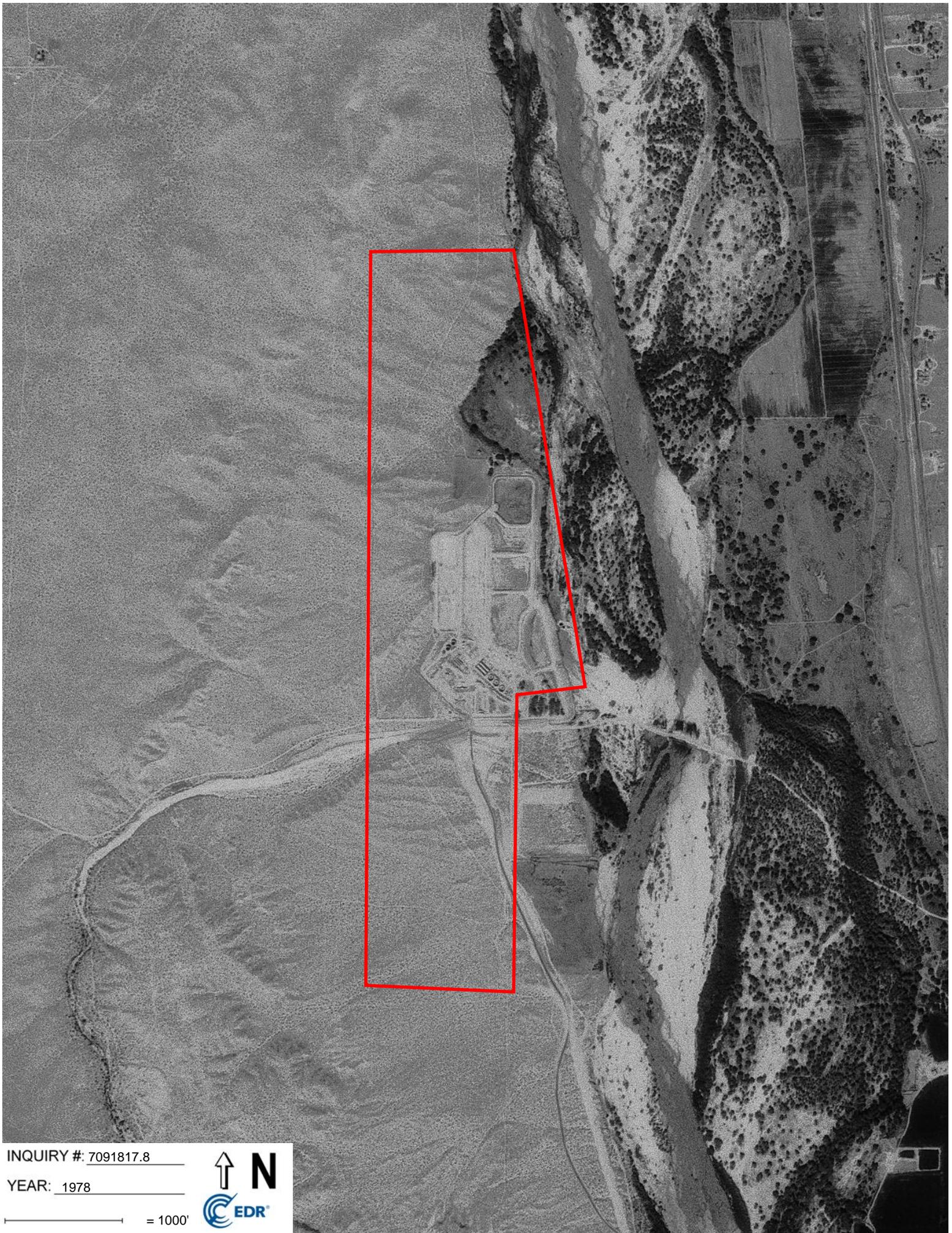


INQUIRY #: 7091817.8

YEAR: 1984

— = 1000'





INQUIRY #: 7091817.8

YEAR: 1978

— = 1000'



8-68



INQUIRY #: 7091817.8

YEAR: 1968



— = 1000'



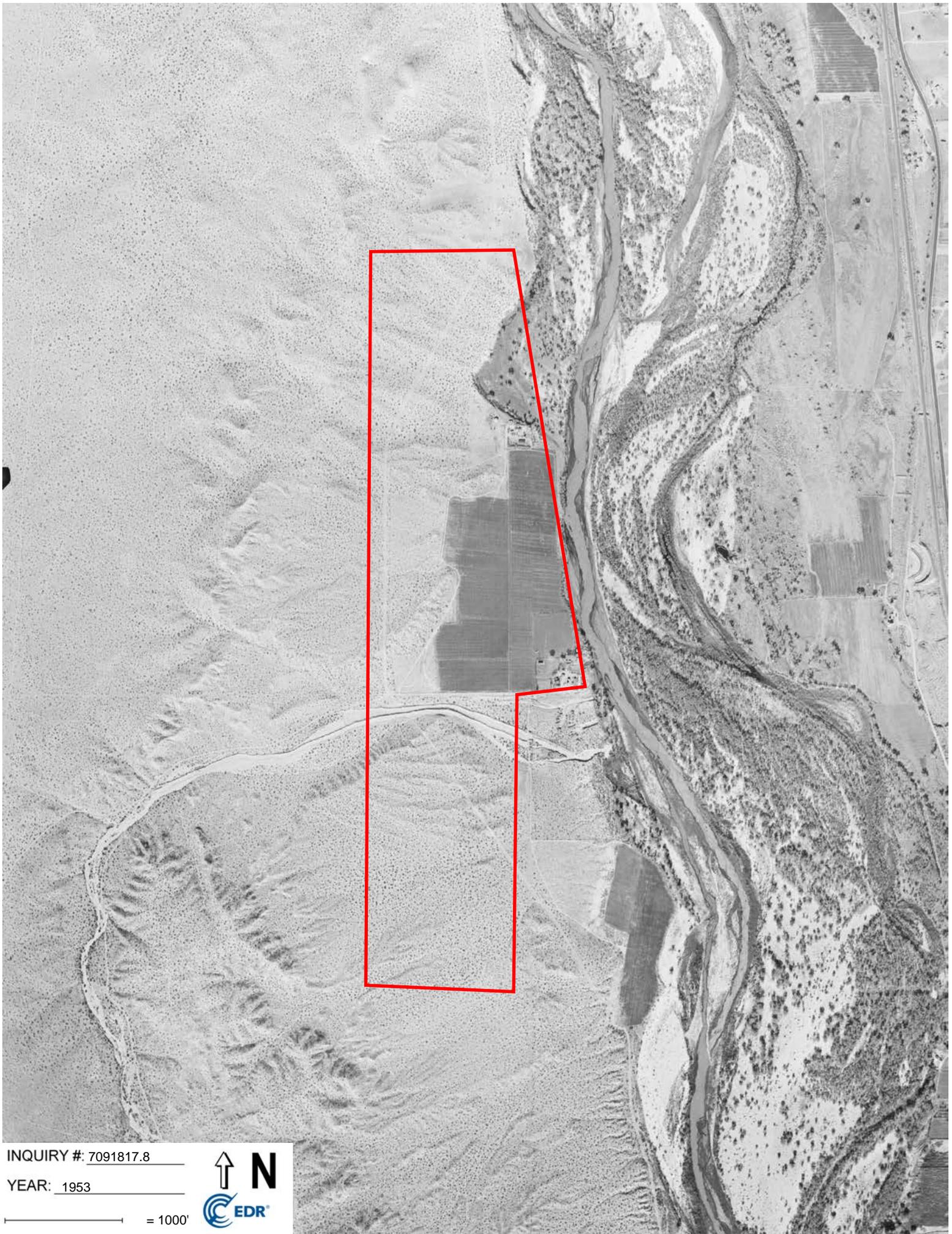
INQUIRY #: 7091817.8

YEAR: 1959



= 1000'

Subject boundary not shown because it exceeds image extent or image is not georeferenced.



INQUIRY # 7091817.8

YEAR: 1953

 = 1000'



## **APPENDIX F. REGULATORY RECORDS**

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# Site Report

## Victor Valley Wastewater Reclamation Authority



**20111 SHAY RD  
VICTORVILLE, CA 92394**

**County** San Bernardino  
Count  
**CalEnviroscreen 3.0 Percentile  
Range** 91-95%



### SIC Codes

**4952** Sewerage systems

### NAICS Codes

**22132** Sewage Treatment Facilities

### Alternate IDs

<b>FRS</b>	110000517637	<b>EPA Identifier</b>	CAL912693193
<b>Facilities Explorer ID</b>	169066	<b>Facility Identifier</b>	FA0007172

### Regulatory Programs

Description	Source System	Program Id	Start Date	End Date
Hazardous Waste Generator	California Environmental Reporting System	10403029	07/10/2013	
Chemical Storage Facilities	California Environmental Reporting System	10403029	07/10/2013	
Aboveground Petroleum Storage	California Environmental Reporting System	10403029	07/10/2013	

### Site Contacts

Name	Title	Phone	Address
David Wylie	Safety/Communications Officer		
Latif Laari			20111 Shay Road Victorville, CA 92394
Mailing Address			20111 Shay Road Victorville, CA 92394
San Bernardino County Fire		(909) 386-8401	620 South E Street San Bernardino, CA 92415-0153
Victor Valley Wastewater Reclamation Authority		(760) 246-8638	20111 Shay Road Victorville, CA 92394

Victor Valley Wastewater Reclamation Authority

20111 SHAY RD  
VICTORVILLE CA 92394



Chemical Storage

REPORTING PERIOD  
2022

SUBMITTED ON  
04/12/2022

Chemicals

	Name	Max Daily Amount / Unit	Avg Daily Amount / Unit	Days Onsite	Physical State(S)
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
+	Waste oil filters	100-499 Pounds	100-499 Pounds	365	Solid
+	Waste Oil	1200-2999 Gallons	120-599 Gallons	365	Liquid
+	Waste Ethylene Glycol	120-599 Gallons	60-119 Gallons	365	Liquid
+	waste corrosive acid	0-11 Gallons	0-11 Gallons	365	Liquid
+	waste absorbent	100-499 Pounds	100-499 Pounds	365	Solid
+	Urea	600-1199 Gallons	600-1199 Gallons	365	Liquid, Pure
+	Sodium Hypochlorite 12.5%	1200-2999 Gallons	600-1199 Gallons	365	Liquid, Mix
+	Sodium Hydroxide	600-1199 Gallons	120-599 Gallons	365	Liquid, Mix
+	Polymer K260FL	1200-2999 Gallons	120-599 Gallons	365	Liquid, Mix
+	Phosphoric Acid 25% solution	3000-5999 Gallons	1200-2999 Gallons	0	Liquid, Mix
+	Methane	2600-12999 Cubic Feet	0-2599 Cubic Feet	0	Gas, Pure
+	Lab waste	12-59 Gallons	0-11 Gallons	365	Liquid
+	Ferric Chloride	3000-5999 Gallons	1200-2999 Gallons	365	Liquid, Pure
+	Ethylene Glycol	120-599 Gallons	60-119 Gallons	365	Liquid, Pure
+	Engine Oil	1200-2999 Gallons	120-599 Gallons	365	Liquid, Pure
+	Diesel Fuel	600-1199 Gallons	600-1199 Gallons	365	Liquid, Pure
+	Calcium Hypochlorite	1000-4999 Pounds	1000-4999 Pounds	365	Liquid, Mix
+	ARMAKLEEN MPC Cleaning Solution	120-599 Gallons	12-59 Gallons	365	Liquid, Mix
+	Ammonium Hydroxide	60-119 Gallons	12-59 Gallons	0	Liquid, Pure

**Victor Valley Wastewater Reclamation Authority**

20111 SHAY RD  
VICTORVILLE CA 92394



[PROFILE](#)
[MAP](#)
[REGULATORY PROGRAMS](#)
[COMPLIANCE](#)
[CHEMICALS](#)

<p><b>Evaluations</b></p> <p>Evaluations With Violations <b>6</b></p> <p>Evaluations Without Violations <b>2</b></p>		<p><b>Violations</b></p> <p>Total <b>9</b></p>		<p><b>Compliance</b></p> <p>Total <b>0</b></p>	
----------------------------------------------------------------------------------------------------------------------	--	------------------------------------------------	--	------------------------------------------------	--

**Evaluations With Violations (6)**

	Date	Program	Type
	<input type="text"/>	<input type="text"/>	<input type="text"/>
+	10/09/2020	APSA - Aboveground Petroleum Storage Act (APSA)	Routine done by local agency
+	10/26/2017	HW - Hazardous Waste Generator	Routine done by local agency
+	10/26/2017	HMRRP - Hazardous Materials Release Response Plans (HMRRP)	Routine done by local agency
+	10/26/2017	APSA - Aboveground Petroleum Storage Act (APSA)	Routine done by local agency
+	02/25/2015	HMRRP - Hazardous Materials Release Response Plans (HMRRP)	Routine done by local agency
+	02/25/2015	HW - Hazardous Waste Generator	Routine done by local agency

10 rows

Page: 1 of 1

1 - 6 of 6

**Evaluations Without Violations (2)**

	Date	Program	Type
	<input type="text"/>	<input type="text"/>	<input type="text"/>
+	10/09/2020	HMRRP - Hazardous Materials Release Response Plans (HMRRP)	Routine done by local agency
+	10/09/2020	HW - Hazardous Waste Generator	Routine done by local agency



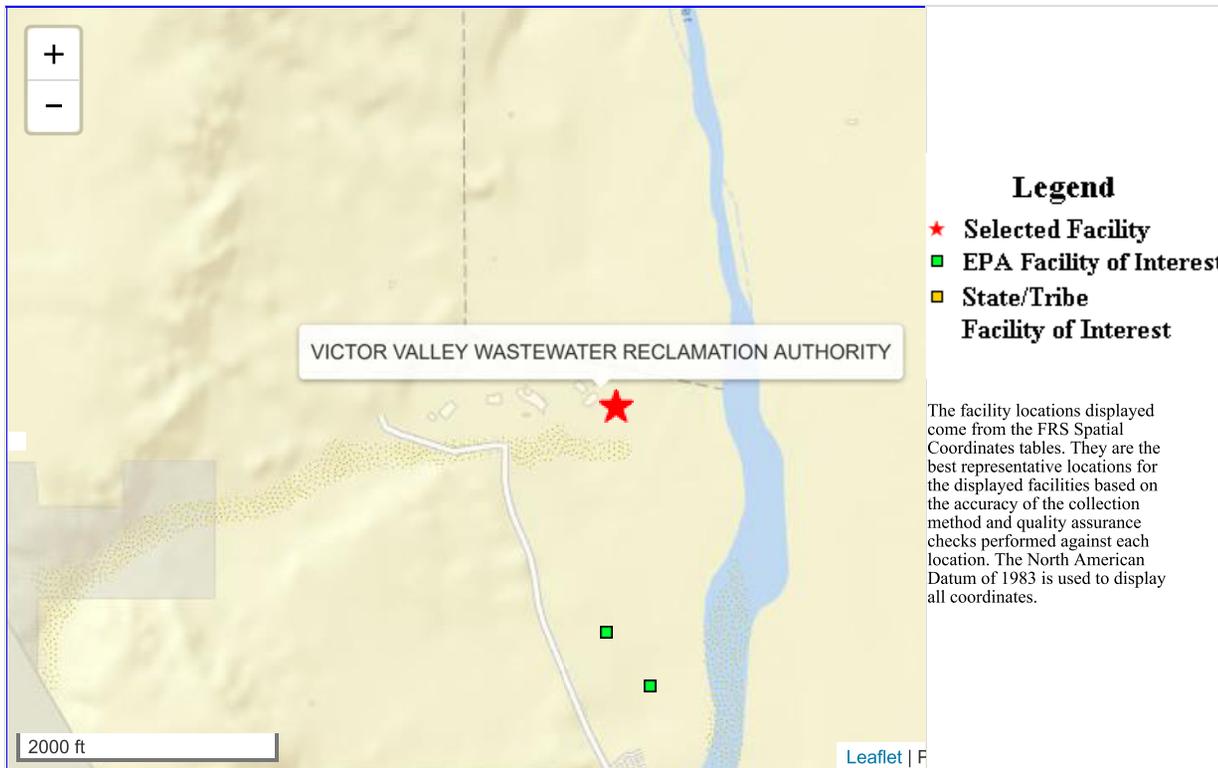
Related Topics: Envirofacts

FRS

## FRS Facility Detail Report

### VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY

EPA Registry Id: 110000517637  
20111 SHAY ROAD  
VICTORVILLE, CA 92394-8539



### Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

[Report an Error](#)

## Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY REGIONAL WWTP	CA0102822	POTW	ICIS	05/06/2020	<b>ICIS-</b> ENFORCEMENT/COMPLIANCE ACTIVITY
CALIFORNIA - ENVIROVIEW	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	169066	STATE MASTER	CA-ENVIROVIEW		<b>CERS-</b> 10403029 SPCC <b>CERS-</b> 10403029 HAZARDOUS WASTE PROGRAM <b>CERS-</b> 10403029 RMP REPORTER
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY REGIONAL WWTP	CA0102822	NPDES PRETREATMENT PROGRAM	ICIS	05/06/2020	<b>ICIS-</b> ENFORCEMENT/COMPLIANCE ACTIVITY
INTEGRATED COMPLIANCE INFORMATION SYSTEM	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	2200008459	FORMAL ENFORCEMENT ACTION	ICIS	09/30/2010	<b>ICIS-</b> 09-2010-3548 FORMAL ENFORCEMENT ACTION
RISK MANAGEMENT PLAN	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	100000089325	RMP REPORTER	RMP	09/16/2010	
ICIS-AIR (AIR)	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	CAMDA1124	AIR SYNTHETIC MINOR	ICIS	03/02/2021	
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	CAZ204746	ICIS-NPDES NON-MAJOR	ICIS	07/01/2015	
EMISSION INVENTORY SYSTEM (EIS)	VVWRA - 20111 SHAY	4841111	HAZARDOUS AIR POLLUTANT MAJOR	EIS	01/21/2022	
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY WRA WWTP	CAL102822	BIOSOLIDS	ICIS		
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	CAZ204746	STORM WATER INDUSTRIAL	ICIS	07/01/2015	
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	VICTOR VALLEY WASTE WATER RA	CAL912693193	OTHER HAZARDOUS WASTE ACTIVITIES (Y)	RCRAINFO		
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY REGIONAL WWTP	CA0102822	ICIS-NPDES MAJOR	ICIS	05/06/2020	<b>ICIS-</b> ENFORCEMENT/COMPLIANCE ACTIVITY
CA-CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	10403029	STATE MASTER	CA-CERS		<b>CERS2-</b> 10403029-02 EPCRA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	VICTOR VALLEY WRA WWTP	CAL102822	ICIS-NPDES NON-MAJOR	ICIS		
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	CAR000304600	VSQG (Y)	RCRAINFO		
OFFICE OF TRANSPORTATION AND AIR QUALITY FUELS REGISTRATION	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	OTAQREG10124720	ETHANOL FACILITY	API	07/13/2022	
CALIFORNIA - ENVIROVIEW	VICTOR VALLEY WASTEWATER CS	169065	STATE MASTER	CA-ENVIROVIEW		<b>CIWQS-</b> 631088 WASTEWATER FACILITY
CALIFORNIA - ENVIROVIEW	VICTOR VAL WASTEWATER FACILITY	246825	STATE MASTER	CA-ENVIROVIEW		<b>GEOTRACKER-</b> T0607100790 LEAKING STORAGE TANK
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION INFORMATION SYSTEM	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	340058890	OSHA ESTABLISHMENT	OSHA-OIS	09/12/2018	
CALIFORNIA - ENVIROVIEW	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP	83338	STATE MASTER	CA-ENVIROVIEW		<b>CIWQS-</b> 270419 NPDES PERMIT

**Additional EPA Reports:** [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Facility Coordinates Viewer](#) [Environmental Justice Map Viewer](#) [Watershed Report](#)

### Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
CA-ENVIROVIEW	4952	SEWERAGE SYSTEMS	
NPDES	4952	SEWERAGE SYSTEMS	
CA-ENVIROVIEW	4952	SEWERAGE SYSTEMS	
CA-CERS	4952	SEWERAGE SYSTEMS	
NPDES	4952	SEWERAGE SYSTEMS	

### Facility Codes and Flags

<b>EPA Region:</b>	09
<b>Duns Number:</b>	115053571
<b>Congressional District Number:</b>	08

### National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
RMP	22132	SEWAGE TREATMENT FACILITIES	
CA-ENVIROVIEW	22132	SEWAGE TREATMENT FACILITIES	
EIS	221320	SEWAGE TREATMENT FACILITIES.	
RCRAINFO	221320	SEWAGE TREATMENT FACILITIES.	
CA-CERS	22132	SEWAGE TREATMENT FACILITIES	
RCRAINFO	22132	SEWAGE TREATMENT FACILITIES	
OSHA-OIS	221320	SEWAGE TREATMENT FACILITIES.	

### Facility Mailing Addresses

<b>Legislative District Number:</b>	
<b>HUC Code/Watershed:</b>	18090208 / MOJAVE
<b>US Mexico Border Indicator:</b>	NO
<b>Federal Facility:</b>	NO
<b>Tribal Land:</b>	NO

**Alternative Names**

Alternative Name	Source of Data
VICTOR VALLEY REGIONAL WWTP	NPDES
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	RMP REPORTING FORM
VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY WTP	CA-ENVIROVIEW
VICTOR VALLEY WASTE W REC AUTH	EIS
VICTOR VALLEY WASTE W REC AUTH -SHAY ROAD	EIS
VICTOR VALLEY REGIONAL WWRP	CWNS

**Organizations**

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY		CA-ENVIROVIEW	View
MAILING ADDRESS	VICTOR VALLEY WRA WWTP		NPDES	View
OWNER	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY		RCRAINFO	View
PREPARER	PROACTIVE CONSULTING GROUP, LLC		RMP	View
MAILING ADDRESS	VICTOR VALLEY WWRA, RWWTP		NPDES	View
MAILING ADDRESS	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY		NPDES	View
OWNER	VICTOR VALLEY WWRA		NPDES	View
OPERATOR	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY		RCRAINFO	View
OWNER/OPERATOR	VICTOR VALLEY W.R.A	115053571	RMP	View
OWNER	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY		NPDES	View
OWNER	VICTOR VALLEY WASTEWATER RECLA		RCRAINFO	View
OPERATOR	DAVID WYLIE		RCRAINFO	View

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OWNER/OPERATOR	20111 SHAY RD.	VICTORVILLE	CA	92394	RMP
OWNER	20111 SHAY ROAD	VICTORVILLE		92394	CA-ENVIROVIEW
OPERATOR	20111 SHAY RD.	VICTORVILLE	CA	92394	RCRAINFO
PROPERTY OWNER	20111 SHAY ROAD	VICTORVILLE		92394	CA-ENVIROVIEW
MAILING ADDRESS	15776 MAIN ST, STE 3	HESPERIA	CA	92345	NPDES
ENVIRONMENTAL CONTACT	20111 SHAY ROAD	VICTORVILLE		92394	CA-ENVIROVIEW
MAILING ADDRESS	15776 MAIN ST. SUITE 3	HESPERIA	CA	92345	NPDES
LOCAL AGENCY CASEWORKER	620 S. E STREET	SAN BERNARDINO			CA-ENVIROVIEW
REGULATORY CONTACT	20111 SHAY RD.	VICTORVILLE	CA	92394	RCRAINFO
OWNER	20111 SHAY RD.	VICTORVILLE	CA	92394	RCRAINFO
MAILING ADDRESS	15776 MAIN STREET, SUITE 3	HESPERIA	CA	92345	NPDES
OWNER	15776 MAIN STREET, SUITE 3	HESPERIA	CA	92345	NPDES
PREPARER	15235 SPRINGDALE STREET	HUNTINGTON BEACH	CA	92649	RMP
OWNER	20111 SHAY RD.	VICTORVILLE	CA	92394	CA-CERS
ENVIRONMENTAL CONTACT	20111 SHAY RD.	VICTORVILLE	CA	92394	CA-CERS
FACILITY MAILING ADDRESS	20111 SHAY RD	VICTORVILLE	CA	92394	CA-CERS
FACILITY MAILING ADDRESS	20111 SHAY RD	VICTORVILLE	CA	92394	RCRAINFO
FACILITY MAILING ADDRESS	20111 SHAY RD.	VICTORVILLE	CA	92394	RCRAINFO
OWNER	15776 MAIN ST, STE 3	HESPERIA	CA	92345	NPDES
REGIONAL BOARD CASEWORKER	14440 CIVIC DRIVENA SUITE 200	VICTORVILLE			CA-ENVIROVIEW

**Contacts**

Affiliation Type	Full Name	Office Phone	Information System	Mailing Address
LOCAL AGENCY CASEWORKER	CURTIS BRUNDAGE - SAN BERNARDINO COUNTY		CA-ENVIROVIEW	View
REGIONAL BOARD CASEWORKER	JEHIEL CASS - LAHONTAN RWQCB (REGION 6V)	7602412434	CA-ENVIROVIEW	View
OWNER	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	7602468638	CA-CERS	View
OPERATOR	LOGAN OLDS		NPDES	
REGULATORY CONTACT	DAVID WYLIE	760-246-8638	RCRAINFO	View
ENVIRONMENTAL CONTACT	GINA CLOUTIER	7602468638X241	CA-CERS	View
ENVIRONMENTAL CONTACT	LORENZO RODRIGUEZ	(760) 246-8638	CA-ENVIROVIEW	View
REGULATORY CONTACT	DAVID WYLIE	760-523-1781	RCRAINFO	View
UNKNOWN CONTACT	DAN VILLANUEVA	7609541604	CA-CERS	
PROPERTY OWNER	VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY	(760) 246-8638	CA-ENVIROVIEW	View
OPERATOR	BRAD ADAMS		NPDES	
UNKNOWN CONTACT	GILBERT PEREZ	7609721321	CA-CERS	

Query executed on: SEP-15-2022



# GEORGE AIR FORCE BASE VICTORVILLE, CA

## Cleanup Activities

### On this page:

- [Background](#)
- [What Has Been Done to Clean Up the Site?](#)
- [What Is the Current Site Status?](#)
- [Activity and Use Limitations](#)

### On related pages:

- [Operable Units](#)
- [Cleanup Progress](#)

## Background

The 5,347-acre George Air Force Base was established in World War II and closed in December 1992. Its mission was to support tactical fighter operations and provide training for air crews and maintenance personnel that mandated the use and disposal of hazardous and non-hazardous materials. Site investigations and long-term cleanup are ongoing.

George Air Force Base (AFB) is located approximately 70 miles northeast of Los Angeles and occupies 5,347 acres and is located in San Bernardino County, California near the cities of Victorville and Adelanto. The base was established during World War II in the early 1940s and was closed in December 1992. Its mission was to support tactical fighter operations and provided training for air crews and maintenance personnel. To meet mission requirements, the base engaged in a variety of support operations such as aircraft maintenance and firefighting training that mandated the use and disposal of hazardous and non-hazardous materials. At least 50 years of military aircraft operations resulted in various contaminants of potential concern (COPCs) being released into soil and leaching into groundwater, potentially impacting human health and the environment.

Eighty-four Installation Restoration Program sites with potential chemical contamination have been identified at George AFB. Five Operational Units (OUs) have been created under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) to manage these sites. As of 2019, OU1, OU3, and OU5 remain active at George AFB. OU2 and OU4 have been dissolved and were realigned into other OUs or identified as non-CERCLA sites.

### OU1 Sites

OU1 consists of three sites: Site SD025 (the Industrial Storm Drain), Site WP026 (the sewage treatment plant percolation ponds), and Site CG070 (dissolved TCE plume, northeast of the base and the Northeast Disposal Area (NEDA)). In the

1994 OU1 Record of Decision (ROD), Sites SD025 and WP026 were determined to be No Further Action (NFA) sites and CG070 was the only site requiring remediation. Source areas to CG070 include SD025, FT082 (being remediated under OU5) and FT019 (being remediated under OU3). These sources have been controlled or remediated. The Air Force (AF) began operation of a Groundwater Extraction and Treatment System (GET) in 1992 as an interim remedial action. The ROD for the GET was signed in 1994. The ROD remedy included discharge to the Upper Aquifer (UA) using infiltration ponds; discharge to an arroyo and to the Base Golf Course; quarterly groundwater monitoring and deed restrictions prohibiting groundwater use. In 2001 after 12 years of operation and extraction of 1.56 billion gallons to remove 232 pounds of TCE (19 gallons) the Base Closure Team (BCT) determined that the GET was not operating as intended and optimization was necessary. Specifically, the selected remedy did not meet the remedial action objective of eliminating or reducing “the potential for further migration of the existing trichloroethylene (TCE) plume in groundwater”. The GET was shut down in 2003. A 2011 Final Focused Feasibility Study was completed based on groundwater modeling. A Draft Proposed Plan was developed in 2014 for ROD Amendment. The proposed remedy includes Monitored Natural Attenuation (MNA) Institutional Controls (ICs) and a water supply contingency plan. However, due to the timeframe projected to reach the cleanup goals under the proposed MNA remedy, this remedy has not yet received regulatory concurrence. To address the timeframe concern the Regulatory Agencies recommended the use of enhanced reductive dechlorination and the AF is evaluating to reduce the cleanup time.

#### OU3 Sites

OU3 consists of 60 Installation Restoration Program (IRP) sites. OU3 sites include of a variety of contaminant source areas, including landfills, other waste disposal and storage sites, fire-training areas, spill sites, leach fields, and groundwater plumes. In 1998 a ROD was signed for OU 3. This ROD specified remedies for the 60 IRP sites. The Fourth Five Year Review dated November 2016 summarizes the remedial actions taken at OU 3. The following sites are undergoing remedial actions including Sites DP033 and DP034 (military munitions response sites (MMRP) pending Explanation of Significant Differences [ESDs]); FT019a (bioventing) and FT019c (soil vapor extraction [SVE]); Site ZZ051 (SVE); Site OT069 (additional investigation); Sites DP003 (Long Term Monitoring and Maintenance [LTMM]), DP004 (LTMM), LF012 (LTMM), LF014 (LTMM), and LF044 (RODA under development); LF007 (LTMM); WP040 and SS052 (MMRP ESDs pending); and XU400 and SR401 (Remedial Investigation MMRP).

#### OU5 Sites

OU5 was created in 2006 to manage two soil sources (FT082 and SS083) for dissolved solvent plumes in groundwater (OU1 Site CG70 and OU3 Site OT69). The sources were identified after completion of the OU1 and OU3 RODs. OU5 includes five sites, OT072 (Current Skeet Range), OT073 (Second Skeet Range, MMRP Site SR406), OT074 (Original Skeet Range, MMRP Site SR405), FT082 (Fire Training Area), and SS083 (Spill Site, Aircraft Maintenance Hangar Building 676). In 2011, a Focused Feasibility Study for OU5 was submitted and the Proposed Plan was finalized in 2013. The final ROD for was signed on May 28, 2015. For OT72, OT73, and OT74, the OU5 ROD defined remedial goals of removal of contamination and protection of human health and the environment.

The ROD documented that the goals were met and the site meets the conditions for unlimited use and unrestricted exposure (UU/UE). These three sites have been addressed with Engineering Evaluation/Cost Analyses, removal actions, and a recommended No Further Action determination as noted in the Final Closure Report for the Current Skeet Range in 2002 and the 2003 Final Site Closure Report for the Original and Second Skeet Range. The skeet ranges are not sources of groundwater contamination and no monitoring is being performed. The AF has implemented SVE as the interim presumptive remedy at Sites FT082 and SS083. The ROD for Sites FT082 and SS083 is currently being developed.

#### Non-CERCLA Sites

The non-CERCLA sites include the Building 12 Base Exchange Station, the oil water separator (OWS), the Buckeye Site, and Sites SS030, ST031, ST054, ST057, SS058, ST067a, ST067b, OT071, SS079, OT081, and SS084. These sites have been removed from the CERCLA process because they are petroleum sites or result from non-CERCLA sources. Corrective action for non-CERCLA petroleum sites is being overseen by the Lahontan Regional Water Quality Control Board (RWQCB). The AF is remediating the petroleum sites using soil vapor extraction (SVE) and free product recovery.

#### Contaminants and Risks

Media affected at George AFB include groundwater, soil and sludge, and munitions and explosives of concern.

Groundwater is contaminated with jet fuel, trichloroethylene (TCE), pesticides, and nitrates. Soil is contaminated with total petroleum hydrocarbons (TPHs), dioxins, construction debris, medical wastes, pesticides, semi-volatile organic compounds (SVOCs), and various inorganic compounds. Accidental ingestion of or direct contact with the contaminants may pose a health risk.

OU1 – OU1 is contaminated by a TCE groundwater plume in the northeastern base area (Site CG070). Nitrate is also present in OU1 groundwater above drinking water standards. The nitrate originates from Site WP026, the Sewage Treatment Plant Percolation Ponds.

OU2 – OU2 is contaminated with petroleum hydrocarbons (jet fuel) in groundwater from soil (the source).

OU3 – Contaminated groundwater sites at OU3 include landfills, disposal areas, and the Southeast Disposal Area (SEDA) that have been impacted by fuels, oils, and solvents. No contaminants of concern (COCs) were identified in surface or subsurface soil above screening criteria during the remedial investigation (RI) at Site LF044. Groundwater at Site LF044 (monitoring well NZ-80) contains nitrate and TCE at concentrations above the maximum contaminant level (MCL). The primary COC at Site FT019a remains TPH as TPG-gasoline (TPH-g) but also includes benzene, TPH-diesel (TPH-d) and xylenes as COCs. At FT019c, TCE is the primary COC but also includes ethylbenzene, TPH-d, TPH-g and xylenes. COCs at OT069 include tetrachloroethene (PCE), TCE, cis-1,2-dichloroethene (cis-1,2-DCE), and 1,1-dichloroethane (1,1-DCA) in groundwater. Several sites are being assessed for MMRP including Sites DP033, DP034, WP040, SS052, XU400, and SR401.

OU4 – OU4 was created in 2005 to address eight soil sites, five of which were closed as No Further Response Action Planned sites in 2008 and the remaining three sites were transferred to OU5.

OU5 – Three skeet ranges and sites FT082 and SS083, which were identified in 2006 as contributing sources of TCE in groundwater at OU1 Site CG070 and OU3 Site OT069. TCE is the primary COC in groundwater at OU5.

Non-CERCLA sites – Site ZZ051 is contaminated with PAHs and TPH-g in soil and groundwater; Site ST054 is impacted by TPH-g, benzene, toluene, ethylbenzene and xylene (BTEX), and MTBE in soil vapor and groundwater; Site ST057 is impacted by TPH-g, BTEX, and MTBE in soil vapor and groundwater; Site ST067b is impacted by TPH-g, BTEX, and MTBE in soil vapor and groundwater; Site OT071 is impacted by dieldrin in groundwater; Site SS084 is impacted by TPH-g, BTEX, and MTBE in soil and groundwater; and Site SS030 is impacted by DCA, benzene, (cis-1,2-DCE), ethylbenzene, MTBE, and TCE in groundwater.

## **What Has Been Done to Clean Up the Site?**

EPA, the state and the U.S. Air Force signed a Federal Facilities Agreement (FFA) in October 1990 for cleaning up the base. The Air Force is the lead agency for site cleanup, with EPA and the State of California Lahontan RWQCB providing regulatory oversight through FFA Base Closure Team (BCT) procedures. The California Department of Toxic Substances Control (DTSC), formerly the California Department of Health Services, was part of the BCT until 1998 when they deferred roles and responsibilities to the RWQCB.

## **What Is the Current Site Status?**

To better manage site investigations and cleanup, three operable units (OUs) were established for the site. OU-1 is the 600-acre trichloroethylene (TCE) groundwater plume in the Northeast base area and extends off base. OU-3 is the landfills and/or disposal sites with other various soil sites contaminated with volatile organic compounds (VOCs). OU-5 is a TCE soil contamination source column over the OU-1 groundwater plume, and also includes three former skeet ranges. OU-2 was pulled out of the Superfund process in 2005 for state oversight. OU-4 and OU-5 were created and later combined as OU-5. OU-4 was to document completed response actions for miscellaneous sites that dropped out from OU-2.

*Initial Actions:* In 1991, the Air Force began operating a pump-and-treat (PAT) system with air stripping for groundwater contaminated with TCE under OU-1's northeast base area that migrated off base. In early 1992, the Air Force started removing jet fuel (JP-4) free product at OU-2 using passive skimming technology, and supplemented soil vapor extraction (SVE) for removing VOCs from soils several years later. Remedial actions for various OU-3 sites started in the mid-

1990s to remove VOCs from soil sites. A pilot SVE project in OU-5 addressed the TCE soil source column. Soils contaminated with metals were removed from the former skeet ranges.

*OU-1 Northeast Base Area:* The long-term remedy, selected in 1994, included PAT and access controls for the TCE groundwater plume beneath the northeast base area. The flushing approach pushed TCE to the edge of the upper aquifer where it is "temporarily stored." It could take many decades for it to migrate or cascade into the lower aquifer. The steep terrain in the area prevents any efficient monitoring or remedial actions. The PAT system has been shut down since 2003; it was making the TCE migration problem worse. The Air Force discovered that Site FT-082 was a TCE soil source column to the OU-1 groundwater plume and implemented SVE in 2007 as a pilot project. A remedy update for the OU-1 groundwater plume is under development.

*OU-2 Jet Fuel Plume:* OU-2 has over two million gallons of free product in groundwater. Passive skimming to remove the jet fuel from groundwater started in 1992 and monitored natural attenuation was the planned supplement remedy. The Air Force implemented SVE at EPA's request to remove VOCs from the contaminated soil. In March 2005, the Air Force withdrew OU-2 from the Superfund process and converted the cleanup management process to a Corrective Action Plan (CAP). The state assumed the regulatory lead.

*OU-3 Landfills, Disposal Areas and VOC Sites:* Selected remedies included capping and access controls for landfills/disposal areas, and bioventing or SVE for VOC sites. Response actions for the landfills/disposal areas were completed. Actions for VOC sites are ongoing.

*OU-4 documented "no further action" decisions for following sites:* AOC 72/Current Skeet Range, AOC 73/Second Skeet Range, AOC 74/Original Skeet Range, AOC 75/Indoor Range, AOC76/Dozer Scar Area, AOC 77/Disturbed Area, AOC 78/Explosive Ordinance Disposal Training Area and AOC 80/Building 513. Skeet ranges were carried forward to OU-5. All other OU-4 sites were documented by the Air Force's 2008 No Further Response Action Report (NFRAP).

OU-5 is mainly an active SVE system at Sites FT-082 and SS-083 put in place to remove the high TCE levels in soil acting as a source column to OU-1's TCE groundwater plume. OU-5 also includes three closed Skeet Ranges that are not expected to require further action (OT072, OT073 and OT074). The long-term remedy for these areas is under development.

The Lahontan Regional Water Quality Control Board (RWQCB) issued a Notice of Violation letter to the Air Force for dieldrin pesticide contamination in groundwater. The Air Force is only monitoring the pesticides in groundwater, as the levels are very low, but the plume has not been fully defined because of funding constraints. The Air Force would not consider EPA's request for an evaluation of the contamination extent in soil because the Air Force does not classify it as a CERCLA release to the environment; past general practices mandated the routine application of pesticides for termite control. The Air Force submitted another CAP document to address dieldrin; it is currently under State of California Lahontan Regional Water Quality Control Board (RWQCB) review.

## Activity and Use Limitations

At this site, activity and use limitations that EPA calls institutional controls are in place. Institutional controls play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use. They also guide human behavior. For instance, zoning restrictions prevent land uses – such as residential uses – that are not consistent with the level of cleanup.

For more background, see [Institutional Controls](#).

Victorville acts as the local reuse agency (LRA) for property leases from the AF until they can be transferred by deed to new owners. The proposed reuse for the former George AFB was the development of an international airport and railway hub, along with commercial, industrial, and business park development; however, this is on hold due to economic conditions. Former George AFB is reused for commercial and industrial purposes. The AF has transferred 4,196 acres to Southern California Logistics Airport Authority (SCLAA). Today, the former base is home to 17 aviation-related businesses and a community college program training aircraft mechanics. Manufacturing and distribution centers, a multi-million dollar power plant and a 900-acre federal prison complex operate at the former base. There are no plans for residential development on former base property according to the City of Victorville's 2030 Specific Plan (<https://www.victorvilleca.gov/Home/ShowDocument?id=143>).

### Potentially Responsible Parties

Potentially responsible parties (PRPs) refers to entities/companies that are potentially responsible for generating, transporting, or disposing hazardous waste found at the site.

The Air Force is the PRP for this site.

SEPTEMBER 15, 2022



# GEORGE AIR FORCE BASE VICTORVILLE, CA

## Operable Units

Below, EPA has provided a list of the remedial actions selected pertaining to each operable unit.

EPA issues **Records of Decision (RODs)** to explain which cleanup methods will be used at Superfund National Priorities List sites. EPA has two primary documents that it may use to identify changes to the remedies selected in RODs. EPA uses a **ROD Amendment** when it needs to make a fundamental change to the remedy. EPA publishes an **Explanation of Significant Differences (ESD)** for significant changes.

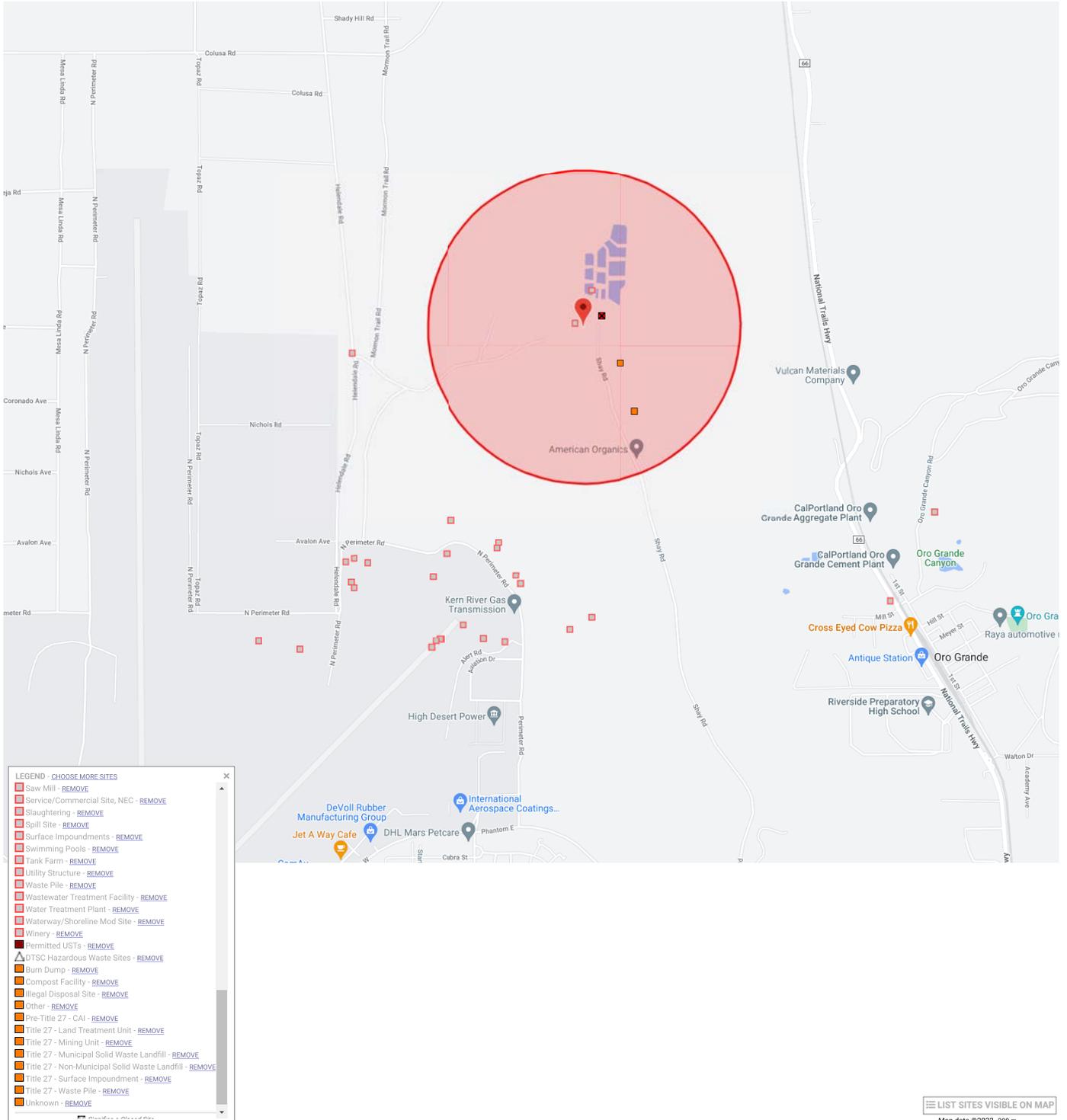
During cleanup, complex sites may be divided into several distinct areas to make the response more efficient. These areas, called **operable units (OUs)**, may address geographic areas, specific problems, or medium (e.g., groundwater, soil) where a specific action is required. The remedies are displayed for the OU numbers indicated in the original decision document. OU numbers may change over time.

EPA is working to improve data quality. The information presented on this page is undergoing review for accuracy and completeness, and may be subject to change.

<b>OU ID</b>	<b>Name</b>	<b>Decision Document</b>	<b>Cleanup Technologies Selected in the Decision Document</b>
00	SITEWIDE	Not applicable	
01	OVERALL SITE	Record of Decision March 07, 1994	Air Stripping (P&T, exsitu) Discharge (surface water/NPDES discharge) Institutional Controls Monitoring
02	GROUNDWATER	No decision document	
03	OU03	Record of Decision October 05, 1998	Bioventing (insitu) Cap (engineered cap) Drainage/Erosion Control (other, NOT OTHERWISE SPECIFIED) Institutional Controls Monitored Natural Attenuation Monitoring No Further Action Operations & Maintenance (O&M) Soil Vapor Extraction (insitu)

<b>OU ID</b>	<b>Name</b>	<b>Decision Document</b>	<b>Cleanup Technologies Selected in the Decision Document</b>
03	OU03	Explanation of Significant Differences July 02, 2002	Soil Vapor Extraction (insitu)
03	OU03	Explanation of Significant Differences November 15, 2003	No Further Action
03	OU03	Record of Decision Amendment September 02, 2021	Data not available
05	OU05	Record of Decision May 28, 2015	No Further Action

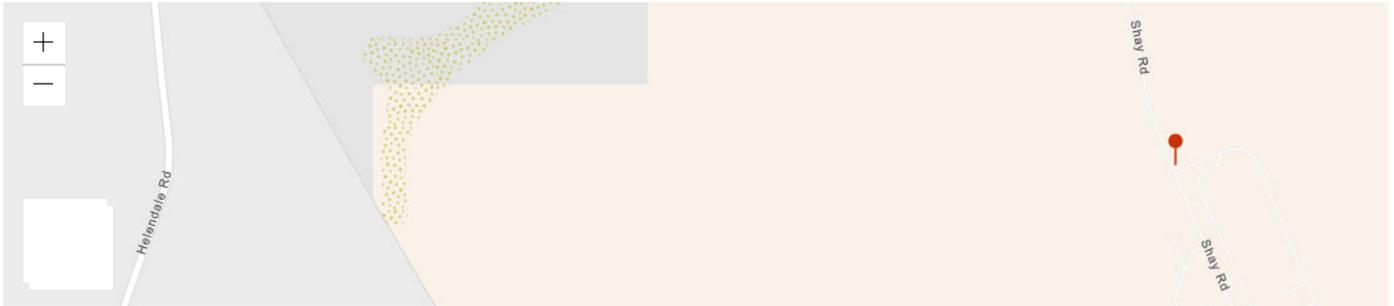
SEPTEMBER 15, 2022



# Handler Profile

CAC000823224 - 1X VICTOR VALLEY WASTE WATER

Status: **INACTIVE**



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<p><b>ID Number Profile</b></p> <p>ID Number: CAC000823224          Facility Name: 1X VICTOR VALLEY WASTE WATER          Status: <b>INACTIVE (expired: 10/25/2000)</b>          ID Type: TEMPORARY          ID Category: STATE          Entity Types: GENERATOR          Issued Date: 9/10/1992          Last Updated: 10/25/2000</p>	<p><b>Facility Address</b></p> <p>20111 SHAY RD EXTENTION          VICTORVILLE, CA 92394          SAN BERNARDINO County          (34.611193, -117.356141)</p>	<p><b>Mailing Address</b></p> <p>PO BOX 1481          VICTORVILLE, CA 92392</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------

<p><b>Owner</b></p> <p><b>VICTOR VALLEY WASTE WATER</b>          --          --, 99 --          (000) 000-0000</p>	<p><b>Contact</b></p> <p><b>BARKLEY, TACEY/SECRETARY</b>          --          --, 99 --          (619) 246-8638</p>
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<p><b>CalEnviroScreen 4.0 Results</b></p> <p><b>Census Tract:</b> 6071009117 (Population: 8697)          The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6071009117 relative to other census tracts.</p> <table border="0"> <tr> <td><b>Overall Percentiles</b></td> <td></td> <td><b>Environmental Effects</b></td> <td></td> </tr> <tr> <td>CalEnviroScreen:</td> <td>89</td> <td>Cleanup Sites:</td> <td>88</td> </tr> <tr> <td>Pollution Burden:</td> <td>65</td> <td>Groundwater Threats:</td> <td>72</td> </tr> <tr> <td>Population Characteristics:</td> <td>95</td> <td>Hazardous Waste:</td> <td>94</td> </tr> <tr> <td></td> <td></td> <td>Solid Waste:</td> <td>72</td> </tr> </table>	<b>Overall Percentiles</b>		<b>Environmental Effects</b>		CalEnviroScreen:	89	Cleanup Sites:	88	Pollution Burden:	65	Groundwater Threats:	72	Population Characteristics:	95	Hazardous Waste:	94			Solid Waste:	72	<p><b>NAICS Codes</b></p>
<b>Overall Percentiles</b>		<b>Environmental Effects</b>																			
CalEnviroScreen:	89	Cleanup Sites:	88																		
Pollution Burden:	65	Groundwater Threats:	72																		
Population Characteristics:	95	Hazardous Waste:	94																		
		Solid Waste:	72																		

**Annual ID Number Verification History**

Year	Status	Method	VQ
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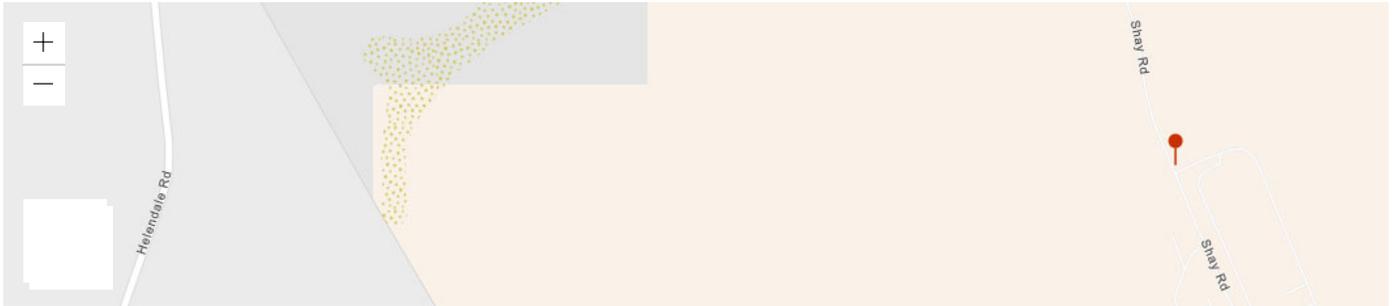
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# Handler Profile

CAL000070500 - VICTOR VALLEY WASTEWATER RA

Status: **INACTIVE**



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<p><b>ID Number Profile</b></p> <p>ID Number: CAL000070500          Facility Name: VICTOR VALLEY WASTEWATER RA          Status: <b>INACTIVE (expired: 1/1/1900)</b>          ID Type: PERMANENT          ID Category: STATE          Entity Types:          Issued Date: 7/27/1993          Last Updated: 3/4/1996</p>	<p><b>Facility Address</b></p> <p>20111 SHAY RD.          EXTENSION          VICTORVILLE, CA 92392          SAN BERNARDINO County          (34.611193, -117.356141)</p>	<p><b>Mailing Address</b></p> <p>20111 SHAY RD.          EXTENSION          VICTORVILLE, CA 92392</p>
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**Owner**

--  
 --  
 --, 99 --  
 (000) 000-0000

**Contact**

**DEACTIVATED;SEE CAL912693193**  
 PER BRUCE CORREIA  
 --, 99 --  
 (619) 246-8638

**CalEnviroScreen 4.0 Results**

**Census Tract:** 6071009117 (Population: 8697)  
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6071009117 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	89	Cleanup Sites:	88
Pollution Burden:	65	Groundwater Threats:	72
Population Characteristics:	95	Hazardous Waste:	94
		Solid Waste:	72

**NAICS Codes**

**Annual ID Number Verification History**

Year	Status	Method	VQ
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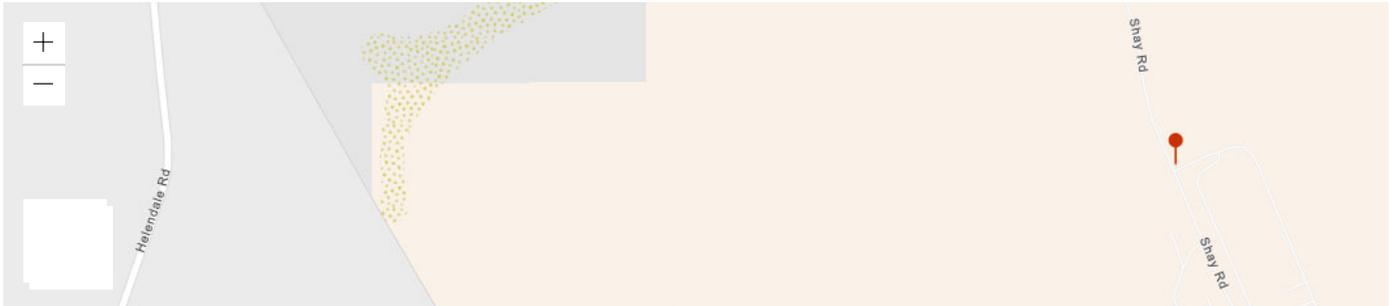
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# Handler Profile

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CAL912693193 - VICTOR VALLEY WASTE WATER RA

Status: **ACTIVE**



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<p><b>ID Number Profile</b></p> <p>ID Number: CAL912693193          Facility Name: VICTOR VALLEY WASTE WATER RA          Status: <b>ACTIVE</b>          ID Type: PERMANENT          ID Category: STATE          Entity Types: GENERATOR          Issued Date: 9/26/1991          Last Updated: 7/20/2022</p>	<p><b>Facility Address</b></p> <p>20111 SHAY RD EXTENSION          VICTORVILLE, CA 92394          SAN BERNARDINO County          (34.61116498,          -117.35612251)</p>	<p><b>Mailing Address</b></p> <p>20111 SHAY RD          VICTORVILLE, CA 92394</p>
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<p><b>Owner</b></p> <p><b>VICTOR VALLEY WASTEWATER RECLA</b>          20111 SHAY ROAD          VICTORVILLE, CA 92394          (760) 246-8638</p>	<p><b>Contact</b></p> <p><b>DAVID WYLIE</b>          20111 SHAY ROAD          VICTORVILLE, CA 92394          (760) 246-8638</p>
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**CalEnviroScreen 4.0 Results**

**Census Tract:** 6071009117 (Population: 8697)  
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6071009117 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	89	Cleanup Sites:	88
Pollution Burden:	65	Groundwater Threats:	72
Population Characteristics:	95	Hazardous Waste:	94
		Solid Waste:	72

**NAICS Codes**

22132	Sewage Treatment Facilities
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**Annual ID Number Verification History**

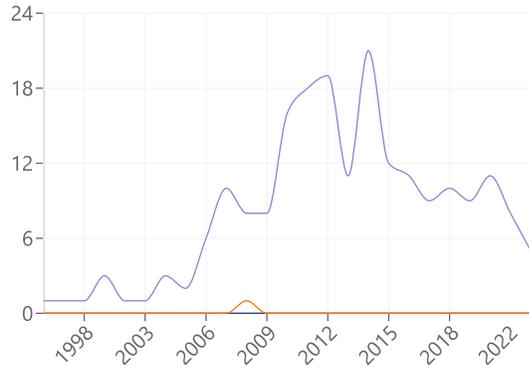
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2021	COMPLETE	eVQ	20212941	7/19/2021

2020	COMPLETE	eVQ	20202941	7/21/2020
2019	COMPLETE	eVQ	20192941	10/7/2019
2018	COMPLETE	eVQ	20182941	10/23/2018
2017	COMPLETE	eVQ	20172941	9/5/2017
2016	COMPLETE	eVQ	20162941	9/7/2016
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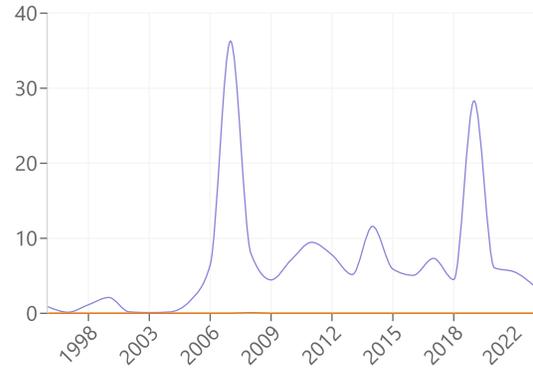
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Manifests

Manifest Per Year by Handler Type



Tonnage Handled Per Year by Handler Type



Manifest Counts and Total Tonnage

Export CSV

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2021	8	5.5041	0	0	0	0
2020	11	6.06895	0	0	0	0
2019	9	28.31025	0	0	0	0
2018	10	4.4966	0	0	0	0
2017	9	7.3264	0	0	0	0
2016	11	5.06371	0	0	0	0
2015	12	5.90307	0	0	0	0
2014	21	11.59657	0	0	0	0
2013	11	5.16686	0	0	0	0
2012	19	7.79197	0	0	0	0
2011	18	9.46466	0	0	0	0
2010	16	7.16016	0	0	0	0
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2008	8	8.0255	0	0	1	0.1
2007	10	36.275	0	0	0	0
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2005	2	1.6425	0	0	0	0
2004	3	0.1825	0	0	0	0
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Waste Code Matrix



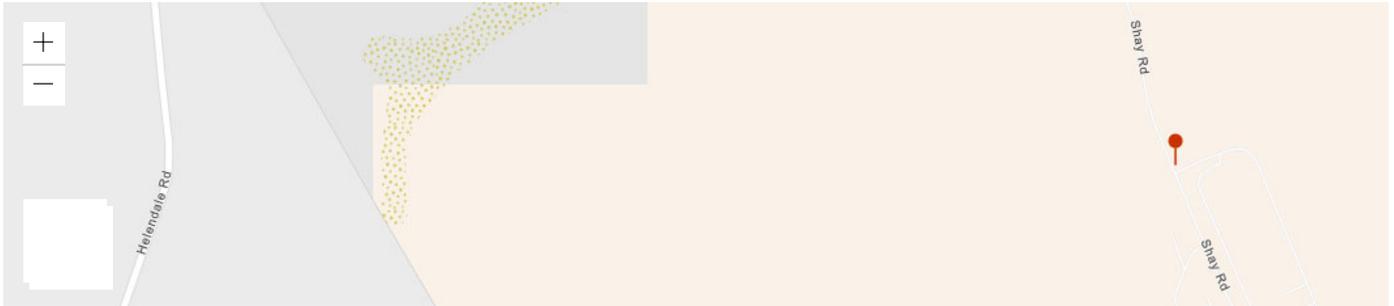
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# Handler Profile

CAR000304600 - VICTOR VALLEY WASTE WATER RA

Status: **INACTIVE**



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<p><b>ID Number Profile</b></p> <p>ID Number: CAR000304600          Facility Name: VICTOR VALLEY WASTE WATER RA          Status: <b>INACTIVE (expired: 6/30/2020)</b>          ID Type: PERMANENT          ID Category: FEDERAL          Entity Types: GENERATOR          Issued Date: 2/13/2020          Last Updated: 1/4/2021</p>	<p><b>Facility Address</b></p> <p>20111 SHAY RD EXTENSION          VICTORVILLE, CA 92394          SAN BERNARDINO County          (34.61119295,          -117.3561407)</p>	<p><b>Mailing Address</b></p> <p>20111 SHAY RD          VICTORVILLE, CA 92394</p>
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**Owner**

**VICTOR VALLEY WASTEWATER RECLA**  
 20111 SHAY ROAD  
 VICTORVILLE, CA 92394  
 (760) 246-8638

**Contact**

**DAVID WYLIE**  
 20111 SHAY ROAD  
 VICTORVILLE, CA 92394  
 (760) 523-1781

**CalEnviroScreen 4.0 Results**

**Census Tract:** 6071009117 (Population: 8697)  
 The results for each indicator range from 0-100 and represent the percentile ranking of census tract 6071009117 relative to other census tracts.

Overall Percentiles		Environmental Effects	
CalEnviroScreen:	89	Cleanup Sites:	88
Pollution Burden:	65	Groundwater Threats:	72
Population Characteristics:	95	Hazardous Waste:	94
		Solid Waste:	72

**NAICS Codes**

221320	Sewage Treatment Facilities
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**Annual ID Number Verification History**

Year	Status	Method	VQ
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Q Facility

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City   
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Advanced Search

## Facility Info

[Request Change of Information](#)

Facility ID **1124**

Facility Name **VWRA - 20111 Shay**

Physical Address **20111 Shay Road**

**Victorville, CA 92394**

Contact Info **Phone: 760-246-8638**

**Fax: N/A**

Company [453 - Victor Valley Wastewater Reclamation Authority](#)

Facility Note **N/A**

- Address Region **N/A**
- Latitude **34.61651**
- Longitude **-117.35750**

- Near a School (within 1000ft) **No**
- Number of Employees **0**
- Size (in acres) **0**

- Number of Hours in a Day this Facility is in Operation **24**
- Number of Days in a Week this Facility is in Operation **7**
- Number of Weeks in a Year this Facility is in Operation **52**

- Principal Product **N/A**
- NAICS **221320**
- SIC Code **4952**
- UTM **467E/3831N**
- Level 2 Inspection **No**
- Expiration Month **10**

Zone ID **Zone 7 - District Office Area West, round trip 1 hour, intrazone 0.5 hours**

- Auto Schedule **Yes**
- Paper Work Time **2**
- Inspection Time **4**
- Inspection Status **C**
- Active **Active**

- AB2588 Industry Wide Facility **No**
- Facility is in the FONA **Yes**
- NSR Major For **N/A**
- Title V Facility **No**
- Title V Major For **N/A**
- Title V Synthetic Minor **No**
- Creation Date **12/31/1969**
- Last Modified **01/29/2015**

Facility Permits - Showing 1 to 24 of 24 Permits

[⊕ Download Selected Permits](#)

<input type="checkbox"/>	Permit Number	Permit Description	Equipment Description	Issue Date	Expiration Date	Action
<input type="checkbox"/>	<a href="#">E003885</a>	DIESEL IC ENGINE, PORTABLE EMERGENCY SEWAGE PUMP...	N/A	10/15/2008	10/31/2009	<a href="#">⊕ Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>

<input type="checkbox"/> Permit Number	Permit Description	Equipment Description	Issue Date	Expiration Date	Action
<input type="checkbox"/> <a href="#">C003416</a>	DIGESTER GAS FLARE	Varec digester gas fired flare, model 239 - Size...	11/14/2002	10/31/2003	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B003413</a>	POTW - PRIMARY AND SECONDARY TREATMENT	Primary and secondary treatment system with one ...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B003414</a>	POTW - CHLORINATION SYSTEM	Chlorination system.	10/31/2013	10/31/2014	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B003415</a>	POTW - ANAEROBIC DIGESTER SYSTEM	Anaerobic sewage sludge digester system, with th...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B003417</a>	POTW - SLUDGE TREATMENT SYSTEM	Sludge treatment system, with three meter wide g...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B003418</a>	POTW AIR SUPPLY SYSTEM, LINE POWERED	Activated Sludge Air Supply System with One Pill...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">E003821</a>	DIESEL IC ENGINE, PORTABLE EMERGENCY SEWAGE PUMP...	#1 Godwin	10/19/2012	10/31/2013	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">E003822</a>	DIESEL IC ENGINE, PORTABLE EMERGENCY SEWAGE PUMP...	#3 Godwin	10/19/2012	10/31/2013	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">E003823</a>	DIESEL IC ENGINE, PORTABLE EMERGENCY SEWAGE PUMP...	# 2 Godwin	10/19/2012	10/31/2013	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>

<input type="checkbox"/> Permit Number	Permit Description	Equipment Description	Issue Date	Expiration Date	Action
<input type="checkbox"/> <a href="#">E003419</a>	NATURAL GAS IC ENGINE, EMERGENCY GENERATOR #1	An in-use Waukesha, NG fired internal combustion...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">C008356</a>	DIGESTER GAS FLARE	Whessoe Varec 244W Series, 12.2 MMBtu /hr; 4", ...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">E008357</a>	NATURAL GAS IC ENGINE, EMERGENCY GENERATOR #2	N/A	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B008782</a>	BOILER #1	A Cleaver Brooks Model CEW-700-400-150 natural g...	11/09/2004	09/30/2005	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B009784</a>	DIESEL PORTABLE IC ENGINE, BLOWER FAN	Year of MFG 1992; Tier 0	11/05/2014	10/31/2015	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B010211</a>	DIGESTER GAS AND NATURAL GAS IC ENGINE	Blower to supply air to waste water treatment pl...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B010212</a>	IC ENGINE, DIGESTER AND NATURAL GAS-FIRED	Blower to supply air to waste water treatment pl...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">C010756</a>	FLARE, DIGESTER GAS	Varec Biogas 244W series waste gas burner; burn...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">E011468</a>	NATURAL GAS IC ENGINE, EMERGENCY GENERATOR	Model Year 2011, stack height 14', stack diamet...	08/04/2022	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>

<input type="checkbox"/> Permit Number	Permit Description	Equipment Description	Issue Date	Expiration Date	Action
<input type="checkbox"/> <a href="#">B012188</a>	DIESEL IC ENGINE, PORTABLE PRIME VACUUM PUMP (VA...	A certified Tier III diesel engine, EPA Family A...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">B013205</a>	NATURAL GAS / DIGESTER GAS IC ENGINE, TURBLEX BL...	A Waukesha model F3521GU natural gas/digester ga...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">M013206</a>	NATURAL GAS / DIGESTER GAS IC ENGINE, TURBLEX BL...	A Waukesha model F3521GU natural gas/digester ga...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">C013981</a>	FLARE, DIGESTER GAS (#4)	A Varec Biogas model 244W waste gas burner/flare...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>
<input type="checkbox"/> <a href="#">C013982</a>	FLARE, DIGESTER GAS (#3)	A Varec Biogas model 244W waste gas burner/flare...	10/18/2021	10/31/2022	<a href="#">Download</a> <a href="#">Permit</a> <a href="#">Print</a> <a href="#">Permit</a>

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Q Facility

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Facility   
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City   
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## Facility Info

[Request Change of Information](#)

Facility ID **4059**

Facility Name **SoCal Biomethane, LLC - VVWRA**

Physical Address **20111 Shay Road**

**Victorville, CA 92394**

Contact Info **Phone: 760-436-8870**

**Fax: N/A**

Company [2635 - SoCal Biomethane, LLC](#)

Facility Note **N/A**

- Address Region **N/A**
- Latitude **34.6167**
- Longitude **-117.3592**

- Near a School (within 1000ft) **No**
- Number of Employees **0**
- Size (in acres) **0**

- Number of Hours in a Day this Facility is in Operation **8**
- Number of Days in a Week this Facility is in Operation **5**
- Number of Weeks in a Year this Facility is in Operation **50**

- Principal Product **N/A**
- NAICS **325120**
- SIC Code **2813**
- UTM **467E/3830N**
- Level 2 Inspection **No**
- Expiration Month **06**

Zone ID **Zone 8 - District Office Area East, round trip 1 hour, intrazone 0.5 hours**

- Auto Schedule **Yes**
- Paper Work Time **1**
- Inspection Time **1**
- Inspection Status **N/A**
- Active **Active**

- AB2588 Industry Wide Facility **No**
- Facility is in the FONA **Yes**
- NSR Major For **N/A**
- Title V Facility **No**
- Title V Major For **N/A**
- Title V Synthetic Minor **No**
- Creation Date **10/15/2020**
- Last Modified **11/06/2020**

Facility Permits - Showing 1 to 1 of 1 Permits

[⊕ Download Selected Permits](#)

<input type="checkbox"/>	Permit Number	Permit Description	Equipment Description	Issue Date	Expiration Date	Action
<input type="checkbox"/>	<a href="#">C014056</a>	THERMAL OXIDIZER	Regeneration waste gas VOC and odor control equi...	08/10/2022	06/30/2023	<a href="#">⊕ Download Permit</a> <a href="#">🖨 Print Permit</a>

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## Facility Info

[Request Change of Information](#)

Facility ID **4062**

Facility Name **South West Gas - VVWRA RNG**

Physical Address **20111 Shay Road**

**Victorville, CA 92394**

Contact Info **Phone: 760-951-4118**

**Fax: N/A**

Company [1994 - Southwest Gas Company](#)

Facility Note **N/A**

- Address Region **N/A**
- Latitude **34.617156**
- Longitude **-117.36024**

- Near a School (within 1000ft) **No**
- Number of Employees **0**
- Size (in acres) **0**

- Number of Hours in a Day this Facility is in Operation **8**
- Number of Days in a Week this Facility is in Operation **5**
- Number of Weeks in a Year this Facility is in Operation **50**

- Principal Product **N/A**
- NAICS **221210**
- SIC Code **4924**
- UTM **467E/3831N**
- Level 2 Inspection **No**
- Expiration Month **06**

Zone ID **Zone 8 - District Office Area East, round trip 1 hour, intrazone 0.5 hours**

- Auto Schedule **Yes**
- Paper Work Time **1**
- Inspection Time **1**
- Inspection Status **N/A**
- Active **Active**

- AB2588 Industry Wide Facility **No**
- Facility is in the FONA **Yes**
- NSR Major For **N/A**
- Title V Facility **No**
- Title V Major For **N/A**
- Title V Synthetic Minor **No**
- Creation Date **11/16/2020**
- Last Modified **11/16/2020**

Facility Permits - Showing 1 to 1 of 1 Permits

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<input type="checkbox"/> Permit Number	Permit Description	Equipment Description	Issue Date	Expiration Date	Action
<input type="checkbox"/> <a href="#">T014068</a>	ODORANT TANK AND INJECTION SYSTEM	Odorant injection system with 60 gallon above gr...	06/01/2022	06/30/2023	<a href="#">Download Permit</a> <a href="#">Print Permit</a>

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**Only RCRAInfo facility information was searched to select facilities**

[<< Return](#)

**Search Parameters: Location Address:** 20111 Shay Road

**City Name:** Victorville

**State Abbreviation:** CA

**Sites:** Both Active and Inactive

Results are based on data extracted on AUG-29-2022

**No Results found.**

**Total Number of Facilities Retrieved: 0**

**Data Refresh Information** <<https://epa.gov/resources/echo-data/about-the-data#sources>>



San Bernardino County Public Record Requests

**Received 08/22/2022**  
**23 Records Found**

Request #22-2607  
Open  
As of August 22, 2022, 12:31pm  
Request Visibility: Department

A handwritten signature in black ink, appearing to be "Paul R".

Details

---

Any records pertaining to the environmental condition of 20111 Shay Road, Victorville, CA 92394 such as inspection records, permits, site plans, notices of violation, etc. from the Department of Public Health, Environmental Health Services, Planning/Building & Safety/Code Enforcement, Public Works, and Fire Department,

---

*Received*

**August 22, 2022** via web

---

*Due*

**September 1, 2022**

---

*Departments*

Planning/Building & Safety/Code Enforcement, Environmental Health Services, Department of Public Health

---

*Requester*

Tiffany Wang

twang@trinityconsultants.com  
20 Corporate Park, Ste 285, Irvine, CA 92606  
949-567-9880 x5557  
Trinity Consultants

---

*Requester email status list*

External message added

- **Sent** August 22, 2022, 11:48am
  - **Delivered** August 22, 2022, 11:48am
- 

*Tags*

Documents

---

*Public (pending)*

(none)

---



# San Bernardino County Public Record Requests

## Requester

(none)

---

## Staff Only

(none)

## Staff

---

## Point of Contact

[dwert@sbcountry.gov](mailto:dwert@sbcountry.gov)

---

## Support

[alissa.guzman@lus.sbcountry.gov](mailto:alissa.guzman@lus.sbcountry.gov)  
[elizabeth.perez@lus.sbcountry.gov](mailto:elizabeth.perez@lus.sbcountry.gov)  
[jeanne.hammer@dph.sbcountry.gov](mailto:jeanne.hammer@dph.sbcountry.gov)  
[ken.johnston@dph.sbcountry.gov](mailto:ken.johnston@dph.sbcountry.gov)  
[mayra.barceñas@dph.sbcountry.gov](mailto:mayra.barceñas@dph.sbcountry.gov)  
[pamela.adams@dph.sbcountry.gov](mailto:pamela.adams@dph.sbcountry.gov)  
[raul.robles@dph.sbcountry.gov](mailto:raul.robles@dph.sbcountry.gov)  
[rebecca.cliburn@dph.sbcountry.gov](mailto:rebecca.cliburn@dph.sbcountry.gov)

## Tasks

---

## Timeline

---

### Internal Message

Staff Only

Public Health, EHS, and Land Use: If you don't or wouldn't have any documents responsive to this request, please make a note and I will remove you. Thanks!

August 22, 2022, 11:53am by David Wert, Public Information Officer (Staff)

---

### Request Visibility

Staff Only

Department-Only (was All Staff)  
August 22, 2022, 11:49am by David Wert

---

### Department Assignment

Public

Added: Planning/Building & Safety/Code Enforcement, Department of Public Health, Environmental Health Services.  
August 22, 2022, 11:49am by David Wert

---

### Support Staff Added

Staff Only

Alissa Guzman  
Elizabeth Perez  
Ken Johnston



# San Bernardino County Public Record Requests

Pamela Adams  
Raul Robles  
Jeanne Hammer  
Rebecca Cliburn  
Mayra Barcenas  
August 22, 2022, 11:49am by David Wert

---

**External Message**

Requester + Staff

Public Health, Environmental Health Services, Planning/Building & Safety/Code Enforcement may have records that are responsive to your request and they will check and advise. Records from the Fire Department and Fire Marshal are not available through this portal. You may contact the San Bernardino County Fire Protection District ("SBCFPD"), which is a separate legal entity, for CUPA report Hazardous Materials records requests. To submit a records request to SBCFPD, you may visit: <https://sbcfire.org/ql/RequestReport.aspx>. Or you may locate the Hazardous Materials Records Request forms and procedures/instructional page, by visiting [sbcfire.org](https://sbcfire.org) and clicking on the Fire Marshal tab. Then click on the "File Review Request Form" link. Here you will find access, instructions, and fee information to the following forms: File Review form, Request for Environmental Audit Phase 1 Certified Hazardous Materials Record Search Finding Report, and Procedures for Environmental Auto Phase 1 Certified Records Finding Report. Completed forms may be sent to:

[hazmatrecords@sbcfire.org](mailto:hazmatrecords@sbcfire.org)

If you have any questions, please submit questions to [hazmatrecords@sbcfire.org](mailto:hazmatrecords@sbcfire.org).

Thank you.

August 22, 2022, 11:48am by David Wert, Public Information Officer (Staff)

---

**External Message**

Requester + Staff

Dear Requester:

San Bernardino County is in receipt of your Public Records Act request. Pursuant to Government Code section 6253, the County anticipates providing you an initial response to your request within 10 days.

Should you have any questions, or if you would like to provide further information or clarification regarding your request, please reply to this email.

August 22, 2022, 11:43am

---

**Request Visibility**

Staff Only

All Staff  
August 22, 2022, 11:43am (auto-assigned)

---

**Request Opened**

Public

Request received via web  
August 22, 2022, 11:43am by Tiffany Wang

---



# Small Water System Annual Inspection

## General Information

Water System Name: Victor Valley Wastewater

Water System No: 3601145 Water System Classification: Nontransient – Noncommunity (NTNC)

Permit Number: 20-3601145-001U Date Issued: 11/9/2020 No. of Amendments: 0

Location Address: 20111 Shay Rd. Victorville, CA 92394

Inspection Date: 11/6/2020 Report Date: 11/9/2020

Start Time: 9:15 AM End Time: 11:57 AM

Owner: Victor Valley Wastewater Has there been a change in owner? No

Phone Number: [REDACTED] Email: [REDACTED]

Mailing Address: [REDACTED]

Person Contacted/Title: Robert Townsend Phone No.: [REDACTED]

Inspector: Noah Hamm Present at Inspection: Robert Townsend, Miguel Mendoza

PS Code	Facility Name	Activity Status
3601145-001	Well 1	Active
3601145-002	Well 2	Active
3601145-800	Distribution System (DBP)	Active

## Comments

**NOTE: The facility should have the following items on-site for review at the time of the next inspection. Maintain all records onsite.**

1. Water System Permit	4. Monthly Treatment Reports	7. Health Permit
2. Emergency Notification Plan	5. Schematic of the water system	8. Most recent inspection report
3. Bacteriological Sample Siting (BSSP) Plan	6. Disinfection By-Products (DBP) Monitoring Plan	9. Most recent backflow certifications
10. Cross Connection Control Program	10. Most recent sampling results	11. Most recent pump tests

Water System Deficiencies				
Category	Reference	Observations/ Corrective Actions	Compliance Date	Correction Date
Groundwater Source Protection	California Well Standards (DWR Bulletins 74-81 and 74-90) Well access openings sealed - Section 10(A)	Observed open holes on the electrical box of Well 1. Seal all openings to prevent the entry of insects and other sources of contamination.	12/31/2020	
Groundwater Source Protection	California Well Standards (DWR Bulletins 74-81 and 74-90) Well access openings sealed - Section 10(A)	Observed corrosion build-up located on the connection line where the sodium hypochlorite enters the well head of Well 1. Repair or replace any connections where corrosion has occurred.	12/31/2020	
Groundwater Source Protection	Title 22, CCR Sampling tap - §64560(c)(3)(E)(2)	Observed the sample tap located after the check valve on both wells. Be sure the water system has installed a down-turned, non-threaded sample tap on the discharge line located between the well head and the check valve, Title 22 California Code of Regulations, Section 64560(c)(3)(e)(2).	2/28/2020	
Water Quality Monitoring	Title 22, CCR Synthetic Organic Chemical Monitoring - §64445.1(b)  Title 22, CCR Volatile Organic Compound Monitoring - §64445.1(b)	The water system is overdue on their SOC sampling. Sample all SOC's listed in the monitoring schedule that state "Due Now".  The water system is overdue on their VOC sampling. Sample all VOC's listed in the monitoring schedule that state "Due Now".  If sampled, forward the sampling results to <a href="mailto:sbcwater123@gmail.com">sbcwater123@gmail.com</a> .	12/31/2022	
Water Quality Monitoring	Title 22, CCR Nitrate/Nitrite Standards - §64432.1	Nitrate results from both Well 1 and Well 2 are above half of the MCL. It has been determined that the system must begin to take quarterly samples for Nitrate. Refer to letter that was sent with this inspection report.	03/31/2020	

Water Quality Monitoring	Title 22, CCR Lead and Copper Rule - §646753	The water system was due to sample Lead and Copper Tap sampling during the Summer, 2020. If sampled, forward sampling results to <a href="mailto:sbcwater123@gmail.com">sbcwater123@gmail.com</a> . If not, the water system must sample for Lead and Copper during the summer months (June – September) of 2021. A citation will be issued for failure to sample for Lead and Copper.	9/30/2021	
Monitoring & Reporting	<i>Title 22, California Code of Regulations (CCR) §64442, §64443 Radionuclide Standards</i>	Water system shall complete the initial monitoring for Well 1 and Well 2 for Total Radium. The water system sampled 07/25/2019 (Quarter 3), 10/10/2019 (Quarter 4), and 01/17/2020 (Quarter 1) for both wells. Sample both sources during Q2 2021 to complete the initial monitoring. After the one year of initial monitoring the water system may request reduced sampling based on the running annual average (RAA) results.	Q2, 2021 (April – June)	
Water Quality Monitoring	<i>Title 22, CCR Disinfection Residuals/By-Product Rule - §64530</i>	VWRA shall collect and analyze for total trihalomethanes (TTHM) and haloacetic acids (HAA5) on an annual basis. The previous DBP samples were taken on 7/25/2019. The water system should have collected DBP's during 2020 on the month of warmest water temperature and at locations representing maximum residence time. The water system may request reduced sampling by sending an official letter to EHS along with their most recent sampling results.	9/30/2021	
Monitoring & Reporting	<i>State Water Resources Control Board</i>	The water system must collect a sample from all groundwater sources for PFAS as per the General Order issued by the State Water Resources Control Board. General Order No. DW2020-003-DDW.	12/31/2020	

Records/ Reporting	<i>Title 22, CCR Groundwater/ Treatment Monthly Report - §64664</i>	A monthly report of water system operations shall be submitted to EHS by the tenth day of the following month. Last received on August, 2020. The report shall include monthly summary of distribution system coliform monitoring, chlorination records, showing readings of chlorine residual, amount of water treated, and the results of all chemical monitoring received during the month	3/31/2021	
Water Quality Monitoring	<i>Title 22, CCR Disinfection Residuals/By-Product Rule - §64530</i>	Observed no disinfection by-products monitoring plan on file with the water system. Template given at the time of inspection.	3/31/2021	
Management & Operation	<i>Title 17, CCR §7584 Cross Connection Control Program</i>	Observed no cross-connection control program on file. The system shall have a cross-connection control program that includes: (a) The adoption of operating rules or ordinances to implement the cross-connection program. (b) The conducting of surveys to identify water user premises where cross-connections are likely to occur, (c) The provisions of backflow protection by the water user at the user's connection or within the user's premises or both, (d) The provision of at least one person trained in cross-connection control to carry out the cross-connection program, (e) The establishment of a procedure or system for testing backflow preventers, and (f) The maintenance of records of locations, tests, and repairs of backflow preventers.	4/30/2021	
Management & Operation	<i>Title 22, CCR §64604 Preparation and Maintenance of Records.</i>	Observed an incomplete distribution map of the system. This schematic shall include: the well, the storage tank, the pressure tank, booster pumps, backflow prevention devices, the fire hydrant, monitoring wells, valves, chemical storage, distribution piping, etc.	4/30/2021	

Management & Operation	Title 22, CCR §64600 Operation and Maintenance Plan	Observed no Operations and Maintenance Plan. Include: (1) An Emergency Chlorination Plan (2) The operations and maintenance schedule for each groundwater source and unit process;(3) The schedule and procedure for flushing dead end mains, and the procedures for disposal of the flushed water including dechlorination; (4) The schedule for routine inspection of reservoirs, and the procedures for cleaning reservoirs; (5) The schedule and procedures for inspecting, repairing, and replacing water mains; (6) The plan and procedures for responding to water supply emergencies; (7) The plan and procedures for responding to consumer complaints; (8) The schedule and procedures for testing backflow prevention assemblies; (9) The schedule and procedures for routine exercising of water main valves; (10) The schedule and program for maintenance and calibration of source flow meters and other online instruments used to determine the quality or quantity of water; (11) The qualifications and training of operating personnel; (12) The program for control of biological organisms on the interior walls of water mains.	4/30/2021	
------------------------	-----------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------	--

Recommendations	
Category/Location	Recommendation
Reservoir/Storage	Pressure tank shall be inspected every 5 years by an engineer with expertise in ASME codes. Tank is located next to the two sources and are secured in a chain link fence enclosure.
Groundwater Source Protection	Recommend: In the future if the system makes any upgrades or repairs to the well, the pedestal should be raised to a minimum height of 24 inches and the concrete slab shall be increased to 3ft. from the center of the casing. <b>AWWA Water Well Standards A100-15, Section 4.7.10.3.</b>
Groundwater Source Protection	Recommend: Install a downturned screened casing vent. Note: non-corrodible 24-mesh screen.

Inspector Signature       *Nash Hamm*      

Date       11/09/2020

**This report includes legally enforceable compliance dates. Please complete all corrective actions by the assigned compliance date. Record the date that each deficiency was corrected under the column labeled "Date Corrected." Submit a copy with dates that the work was completed to this office as each deficiency is corrected. Please attach photo proof of deficiency corrections to each submission. All requested documentation and proof of correction shall be submitted to this Department for review by the assigned Compliance Due Date.**



DISTRIBUTION MONITORING SCHEDULE				
CONSTITUENT	LAST RESULTS	LAST SAMPLE	FREQUENCY	NEXT SAMPLE DUE
Total Coliform Bacteria	Absent	10/15/2020	Monthly	By 11/30/2020
Lead (1 set of 5 samples)	0 mg/L	08/16/2017	Every three years (June 1 <sup>st</sup> – September 30 <sup>th</sup> )	Passed Due – Summer, 2020
Copper (1 set of 5 samples)	.059 mg/L	08/16/2017	Every three years (June 1 <sup>st</sup> – September 30 <sup>th</sup> )	Passed Due – Summer, 2020
Disinfection By-Products: TTHM's and HAA5's	Below MCL	07/25/2019	Annually during the summer months (June-September)	Passed Due – Summer, 2020

Monitoring schedule is also available online at <https://sdwis.waterboards.ca.gov/PDWW/>.

Annual Reports	
Report	Due Date
Electronic Annual Report (eAR)	4/30/2021 In compliance
Consumer Confidence Report (CCR)	7/1/2021 In compliance
Consumer Confidence Report (CCR) Certification Form	10/1/2021 In compliance
Backflow Prevention Device Certifications	2021 In compliance

PCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
3601145 - 001	VICTOR VALLEY WASTEWATER RECLAM	001	WELL 1								
	IO INORGANIC										
	01105 ALUMINUM	<	50 UG/L	1000	50	2019/11/29	6	36		2022/11	
	01097 ANTIMONY	<	6.0 UG/L	6	6	2019/11/29	6	36		2022/11	
	01002 ARSENIC		5.1 UG/L	10	2	2019/11/29	6	36		2022/11	

01007	BARIIUM	<	100.0 UG/L	1000	100	2019/11/29	6	36		2022/11	
01012	BERYLLIUM	<	1.0 UG/L	4	1	2019/11/29	6	36		2022/11	
01027	CADMIUM	<	1.0 UG/L	5	1	2019/11/29	6	36		2022/11	
01034	CHROMIUM (TOTAL)	<	10.0 UG/L	50	10	2019/11/29	6	36		2022/11	
01291	CYANIDE	<	100 UG/L	150	100	2019/11/29	7	36		2022/11	
00951	FLUORIDE (F) (NATURAL-SOURCE)		0.41 MG/L	2	.1	2019/11/29	6	36		2022/11	
71900	MERCURY	<	1.0 UG/L	2	1	2019/11/29	6	36		2022/11	
01067	NICKEL	<	10 UG/L	100	10	2019/11/29	6	36		2022/11	
A-031	PERCHLORATE	<	4.0 UG/L	6	4	2020/01/17	7	36		2023/01	
01147	SELENIUM	<	5.0 UG/L	50	5	2019/11/29	6	36		2022/11	
01059	THALLIUM	<	1.0 UG/L	2	1	2019/11/29	6	36		2022/11	
<b>NI NITRATE/NITRITE</b>											
00618	NITRATE (AS N)		7.0 mg/L	10	.4	2020/07/15	54	3	M	2020/10	<b>DUE NOW</b>
00620	NITRITE (AS N)	<	0.4 mg/L	1	.4	2018/12/19	6	36		2021/12	
<b>RA RADIOLOGICAL</b>											
01501	GROSS ALPHA		2.01 PCI/L	15	3	2019/11/29	6	36		2022/11	
A-080	TOTAL RADIUM FOR NTNC PER §64442(b)(3)		0.036 PCI/L	5	1	2020/01/17	3	3		2020/04	<b>DUE NOW</b>
<b>S1 REGULATED VOC</b>											
34506	1,1,1-TRICHLOROETHANE	<	0.50 UG/L	200	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34516	1,1,2,2-TETRACHLOROETHANE	<	0.50 UG/L	1	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34511	1,1,2-TRICHLOROETHANE	<	0.50 UG/L	5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34496	1,1-DICHLOROETHANE	<	0.50 UG/L	5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>

34501	1,1-DICHLOROETHYLENE	<	0.50	UG/L	6	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34551	1,2,4-TRICHLOROBENZENE	<	0.50	UG/L	5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34536	1,2-DICHLOROBENZENE	<	0.50	UG/L	600	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34531	1,2-DICHLOROETHANE	<	0.50	UG/L	.5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34541	1,2-DICHLOROPROPANE	<	0.50	UG/L	5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34561	1,3-DICHLOROPROPENE (TOTAL)	<	0.50	UG/L	.5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34571	1,4-DICHLOROBENZENE	<	0.50	UG/L	5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34030	BENZENE	<	0.50	UG/L	1	.5	2020/01/28	8	36		2023/01	
32102	CARBON TETRACHLORIDE	<	0.50	UG/L	.5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
77093	CIS-1,2-DICHLOROETHYLENE	<	0.50	UG/L	6	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34423	DICHLOROMETHANE	<	0.50	UG/L	5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34371	ETHYL BENZENE	<	0.50	UG/L	300	.5	2020/01/28	8	36		2023/01	
46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	3.0	UG/L	13	3	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34301	MONOCHLOROBENZENE	<	0.50	UG/L	70	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
77128	STYRENE	<	0.50	UG/L	100	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
34475	TETRACHLOROETHYLENE	<	0.50	UG/L	5	.5	2020/01/28	8	36		2023/01	
34010	TOLUENE	<	0.50	UG/L	150	.5	2020/01/28	8	36		2023/01	
34546	TRANS-1,2-DICHLOROETHYLENE	<	0.50	UG/L	10	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
39180	TRICHLOROETHYLENE	<	0.50	UG/L	5	.5	2020/01/28	8	36		2023/01	
34488	TRICHLOROFLUOROMETHANE FREON 11	<	5.0	UG/L	150	5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>

81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	10	UG/L	1200	10	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
39175	VINYL CHLORIDE	<	0.50	UG/L	.5	.5	2016/11/30	7	36		2019/11	<b>DUE NOW</b>
81551	XYLENES (TOTAL)	<	0.50	UG/L	1750	0.5	2020/01/28	8	36		2023/01	

**S2 REGULATED SOC**

77443	1,2,3-TRICHLOROPROPANE (1,2,3-TCP)	<	0.0050	UG/L	0.005	0.005	2019/07/25	6	36		2022/07	
34676	2,3,7,8-TCDD (DIOXIN)		ND	PG/L	30	5	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39045	2,4,5-TP (SILVEX)	<	1.0	UG/L	50	1	2015/11/10	3	36		2018/11	<b>DUE NOW</b>
39730	2,4-D	<	10	UG/L	70	10	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
77825	ALACHLOR	<	ND	UG/L	2	1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39033	ATRAZINE	<	ND	UG/L	1	.5	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
38710	BENTAZON	<	2.0	UG/L	18	2	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
34247	BENZO (A) PYRENE	<	ND	UG/L	.2	.1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
81405	CARBOFURAN	<	5.0	UG/L	18	5	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39350	CHLORDANE	<	0.10	UG/L	.1	.1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
38432	DALAPON	<	10	UG/L	200	10	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
A-026	DI(2-ETHYLHEXYL)ADIPATE	<	ND	UG/L	400	5	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39100	DI(2-ETHYLHEXYL)PHTHALATE	<	ND	UG/L	4	3	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
38761	DIBROMOCHLOROPROPANE (DBCP)	<	0.010	UG/L	.2	.01	2019/11/29	5	36		2022/11	
81287	DINOSEB	<	2.0	UG/L	7	2	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
78885	DIQUAT		0	UG/L	20	4	2016/11/30	4	36		2019/11	<b>DUE NOW</b>

38926	ENDOTHALL	<	45 UG/L	100	45	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39390	ENDRIN	<	0.10 UG/L	2	.1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
77651	ETHYLENE DIBROMIDE (EDB)	<	0.020 UG/L	.05	.02	2019/11/29	5	36		2022/11	
79743	GLYPHOSATE		0 UG/L	700	25	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39410	HEPTACHLOR	<	0.010 UG/L	.01	.01	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39420	HEPTACHLOR EPOXIDE	<	0.010 UG/L	.01	.01	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39700	HEXACHLOROBENZENE	<	0.50 UG/L	1	.5	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
34386	HEXACHLOROCYCLOPENTADIENE	<	1.0 UG/L	50	1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39340	LINDANE	<	0.20 UG/L	.2	.2	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39480	METHOXYCHLOR	<	10 UG/L	30	10	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
82199	MOLINATE	<	ND UG/L	20	2	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
38865	OXAMYL	<	20 UG/L	50	20	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39032	PENTACHLOROPHENOL	<	0.20 UG/L	1	.2	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39720	PICLORAM	<	1.0 UG/L	500	1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39516	POLYCHLORINATED BIPHENYLS, TOTAL, AS DCB	<	0.50 UG/L	.5	.5	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39055	SIMAZINE	<	ND UG/L	4	1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
A-001	THIOBENCARB	<	ND UG/L	70	1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>
39400	TOXAPHENE	<	1.0 UG/L	3	1	2016/11/30	4	36		2019/11	<b>DUE NOW</b>

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES	
3601145 - 002	<b>VICTOR VALLEY WASTEWATER RECLAM</b>	<b>002</b>	<b>WELL 2</b>									
	<b>IO INORGANIC</b>											
	01105	ALUMINUM	<	50 UG/L	1000	50	2019/11/29	6	36		2022/11	
	01097	ANTIMONY	<	6.0 UG/L	6	6	2019/11/29	5	36		2022/11	
	01002	ARSENIC		6.4 UG/L	10	2	2019/11/29	5	36		2022/11	
	01007	BARIUM	<	100.0 UG/L	1000	100	2019/11/29	5	36		2022/11	
	01012	BERYLLIUM	<	1.0 UG/L	4	1	2019/11/29	5	36		2022/11	
	01027	CADMIUM	<	1.0 UG/L	5	1	2019/11/29	5	36		2022/11	
	01034	CHROMIUM (TOTAL)	<	10.0 UG/L	50	10	2019/11/29	5	36		2022/11	
	01291	CYANIDE	<	100 UG/L	150	100	2019/11/29	6	36		2022/11	
	00951	FLUORIDE (F) (NATURAL-SOURCE)		0.45 MG/L	2	.1	2019/11/29	5	36		2022/11	
	71900	MERCURY	<	1.0 UG/L	2	1	2019/11/29	5	36		2022/11	
	01067	NICKEL	<	10 UG/L	100	10	2019/11/29	5	36		2022/11	
	A-031	PERCHLORATE	<	4.0 UG/L	6	4	2020/01/17	7	36		2023/01	
	01147	SELENIUM	<	5.0 UG/L	50	5	2019/11/29	5	36		2022/11	
01059	THALLIUM	<	1.0 UG/L	2	1	2019/11/29	5	36		2022/11		
<b>NI NITRATE/NITRITE</b>												
00618	NITRATE (AS N)		7.0 mg/L	10	.4	2020/07/15	53	3	M	2020/10	<b>DUE NOW</b>	
00620	NITRITE (AS N)	<	0.4 mg/L	1	.4	2018/12/19	5	36		2021/12		
<b>RA RADIOLOGICAL</b>												
01501	GROSS ALPHA		2.68 PCI/L	15	3	2019/11/29	6	36		2022/11		

A-080	TOTAL RADIUM FOR NTNC PER §64442(b)(3)		0.018	PCI/L	5	1	2020/01/17	3	3		2020/04	<b>DUE NOW</b>
<b>S1 REGULATED VOC</b>												
34506	1,1,1-TRICHLOROETHANE	<	0.50	UG/L	200	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34516	1,1,2,2-TETRACHLOROETHANE	<	0.50	UG/L	1	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34511	1,1,2-TRICHLOROETHANE	<	0.50	UG/L	5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34496	1,1-DICHLOROETHANE	<	0.50	UG/L	5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34501	1,1-DICHLOROETHYLENE	<	0.50	UG/L	6	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34551	1,2,4-TRICHLOROBENZENE	<	0.50	UG/L	5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34536	1,2-DICHLOROBENZENE	<	0.50	UG/L	600	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34531	1,2-DICHLOROETHANE	<	0.50	UG/L	.5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34541	1,2-DICHLOROPROPANE	<	0.50	UG/L	5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34561	1,3-DICHLOROPROPENE (TOTAL)	<	0.50	UG/L	.5	.5	2016/11/29	7	36		2019/11	<b>DUE NOW</b>
34571	1,4-DICHLOROBENZENE	<	0.50	UG/L	5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34030	BENZENE	<	0.50	UG/L	1	.5	2020/01/28	7	36		2023/01	
32102	CARBON TETRACHLORIDE	<	0.50	UG/L	.5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
77093	CIS-1,2-DICHLOROETHYLENE	<	0.50	UG/L	6	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34423	DICHLOROMETHANE	<	0.50	UG/L	5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34371	ETHYL BENZENE	<	0.50	UG/L	300	.5	2020/01/28	7	36		2023/01	
46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	3.0	UG/L	13	3	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34301	MONOCHLOROBENZENE	<	0.50	UG/L	70	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>

77128	STYRENE	<	0.50	UG/L	100	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
34475	TETRACHLOROETHYLENE	<	0.50	UG/L	5	.5	2020/01/28	7	36		2023/01	
34010	TOLUENE	<	0.50	UG/L	150	.5	2020/01/28	7	36		2023/01	
34546	TRANS-1,2-DICHLOROETHYLENE	<	0.50	UG/L	10	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
39180	TRICHLOROETHYLENE	<	0.50	UG/L	5	.5	2020/01/28	7	36		2023/01	
34488	TRICHLOROFLUOROMETHANE FREON 11	<	5.0	UG/L	150	5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	10	UG/L	1200	10	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
39175	VINYL CHLORIDE	<	0.50	UG/L	.5	.5	2016/11/29	6	36		2019/11	<b>DUE NOW</b>
81551	XYLENES (TOTAL)	<	0.50	UG/L	1750	0.5	2020/01/28	7	36		2023/01	

**S2 REGULATED SOC**

77443	1,2,3-TRICHLOROPROPANE (1,2,3-TCP)	<	0.0050	UG/L	0.005	0.005	2019/07/25	6	36		2022/07	
34676	2,3,7,8-TCDD (DIOXIN)		ND	PG/L	30	5	2016/11/29	4	36		2019/11	<b>DUE NOW</b>
39045	2,4,5-TP (SILVEX)	<	1.0	UG/L	50	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39730	2,4-D	<	10	UG/L	70	10	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
77825	ALACHLOR	<	ND	UG/L	2	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39033	ATRAZINE	<	ND	UG/L	1	.5	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
38710	BENTAZON	<	2.0	UG/L	18	2	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
34247	BENZO (A) PYRENE	<	ND	UG/L	.2	.1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
81405	CARBOFURAN	<	5.0	UG/L	18	5	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39350	CHLORDANE	<	0.10	UG/L	.1	.1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>

38432	DALAPON	<	10 UG/L	200	10	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
A-026	DI(2-ETHYLHEXYL)ADIPATE	<	ND UG/L	400	5	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39100	DI(2-ETHYLHEXYL)PHTHALATE	<	ND UG/L	4	3	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
38761	DIBROMOCHLOROPROPANE (DBCP)	<	0.010 UG/L	.2	.01	2019/11/29	4	36		2022/11	
81287	DINOSEB	<	2.0 UG/L	7	2	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
78885	DIQUAT		0 UG/L	20	4	2016/11/29	4	36		2019/11	<b>DUE NOW</b>
38926	ENDOTHALL	<	45 UG/L	100	45	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39390	ENDRIN	<	0.10 UG/L	2	.1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
77651	ETHYLENE DIBROMIDE (EDB)	<	0.020 UG/L	.05	.02	2019/11/29	4	36		2022/11	
79743	GLYPHOSATE		0 UG/L	700	25	2016/11/29	4	36		2019/11	<b>DUE NOW</b>
39410	HEPTACHLOR	<	0.010 UG/L	.01	.01	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39420	HEPTACHLOR EPOXIDE	<	0.010 UG/L	.01	.01	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39700	HEXACHLOROBENZENE	<	0.50 UG/L	1	.5	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
34386	HEXACHLOROCYCLOPENTADIENE	<	1.0 UG/L	50	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39340	LINDANE	<	0.20 UG/L	.2	.2	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39480	METHOXYCHLOR	<	10 UG/L	30	10	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
82199	MOLINATE	<	ND UG/L	20	2	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
38865	OXAMYL	<	20 UG/L	50	20	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39032	PENTACHLOROPHENOL	<	0.20 UG/L	1	.2	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39720	PICLORAM	<	1.0 UG/L	500	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>

39516	POLYCHLORINATED BIPHENYLS, TOTAL, AS DCB	<	0.50	UG/L	.5	.5	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39055	SIMAZINE	<	ND	UG/L	4	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
A-001	THIOBENCARB	<	ND	UG/L	70	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>
39400	TOXAPHENE	<	1.0	UG/L	3	1	2016/11/29	3	36		2019/11	<b>DUE NOW</b>

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MON THS	MOD	NEXT SAMPLE DUE	NOTES
3601145 - 800	VICTOR VALLEY WASTEWATER RECLAM	800	DISTRIBUTION SYSTEM								
	DBP DISINFECTION BYPRODUCTS										
	32101 BROMODICHLOROMETHANE (THM)	<	1.0 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	32104 BROMOFORM (THM)		1.1 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	32106 CHLOROFORM (THM)	<	1.0 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	82721 DIBROMOACETIC ACID (DBAA)	<	1.0 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	32105 DIBROMOCHLOROMETHANE (THM)		1.3 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	77288 DICHLOROACETIC ACID (DCAA)	<	1.0 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	A-049 HALOACETIC ACIDS (5) (HAAS)	<	2.0 UG/L	60	-----	2019/07/25	1	12		2020/07	DUE NOW
	A-041 MONOBROMOACETIC ACID (MBAA)	<	1.0 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW
	A-042 MONOCHLOROACETIC ACID (MCAA)	<	2.0 UG/L	-----	2	2019/07/25	1	12		2020/07	DUE NOW
	82080 TOTAL TRIHALOMETHANES		3.9 UG/L	80	-----	2019/07/25	1	12		2020/07	DUE NOW
	82723 TRICHLOROACETIC ACID (TCAA)	<	1.0 UG/L	-----	1	2019/07/25	1	12		2020/07	DUE NOW



# Small Water System Sanitary Survey

## GENERAL INFORMATION

Public Water System Name: Victor Valley Wastewater Reclamation Authority (VWRA)

System No: 3601145 Public Water System Classification: Nontransient-noncommunity (NTNC)

Seasonal Operation (Season Dates): N/A

If seasonal, explain: N/A

Inspection Date: 12/2/2021 Report Date: 1/25/2022

Start Time: 9:00 AM End Time: 10:27 AM

Owner: Victor Valley Wastewater

Phone Number: [REDACTED] Email: [REDACTED]

Mailing Address: [REDACTED]

Person(s) Contacted/ Position: Robert Townsend Phone #: [REDACTED]

Inspector(s): Noah Hamm Present at Inspection: Robert Townsend

## INTRODUCTION

### Permit Information

Full Permit No: 20-3601145-001U Date Issued: November 9, 2020

No. of Permit Amendments: None

Changes in System (Not in Permit): No changes since the last Sanitary Survey. No person or entity shall modify, add to or change source facilities or distribution systems without written prior approval of Environmental Health Services (EHS).

Are permit provisions complied with? Yes.

Has there been an owner change since the last permit was issued? No. Should the Water System go through a transfer of ownership, ensure to contact Environmental Health Services (EHS) for the requirements.

## Sanitary Survey

Date of Previous Sanitary Survey: 07/24/2018

## Enforcement History

Enforcement History Since Last Sanitary Survey: There has been no enforcement issued since the last Sanitary Survey. The Water System was issued a 2018-2020 Lead and Copper Monitoring Violation on February 12, 2021 which was rescinded due to confirmation of the Lead and Copper Tap sampling results taken on July 25, 2019. No further action required.

Is the system in compliance with enforcement issued? Yes.

## CONSUMER & DATA PRODUCTION

### Area Served

Type of business, connections, water usage: VVWRA Water System is classified as a non-transient non-community (NTNC) water system as it regularly serves 25 or more of the same people 6 months out of the year. VVWRA consists of two wells, one hydro-pneumatic pressure tank, a treatment plant to provide precautionary disinfection, and distribution piping. The Water System serves a wastewater treatment plant facility (VVWRA) and American Organics. American Organics accepts materials and makes compost.

Location Address: 20111 Shay Rd. Victorville, CA

Population & Service Connection Data	Population Served	No. of Service Connections	Metered (Y/N & #)
Permanent Residence:	0	0	N/A
Employee/ Students:	45	2	Yes, 2
Transient users:	0	0	0
Totals:	45	2	Yes, 2

Discussion: The information in the table above was received at the time of inspection. Ensure accurate population information is reported and submitted on the electronic annual report (eAR).

Does the system have an up-to-date distribution map? Yes, a schematic of the system is on file with Environmental Health Services (EHS). Title 22 California Code of Regulations (CCR) §64604 Preparation and Maintenance of Records.

## SOURCES

### Source Information

Source Water Type: Groundwater Are there abandoned wells? No.

Is a Source Water Assessment Plan (SWAP) on file for all sources? A Drinking Water Source Assessment and Protection (DWSAP) Program was completed in 2002 for both wells.

Is each SWAP accurate? Yes.

Discussion: Both sources were considered to be mostly vulnerable to the following activities not associated with  
 Detected contaminants: Lagoons/Liquid wastes and sewer collection systems being in close proximity.

**Consecutive Connections**

Does the system have a consecutive connection with another system? No.

**Purchased Water**

Does the system buy water? No.

**Sold Water**

Does the system sell water? No.

**Source Capacity**

Source Name	Status (A,I, Stby)	Metered? (Y/N)	HP & Capacity (GPM)	Gallons Produced Per Day (8 hour run time)	Comments
Well 1	Active	Yes	Unknown/ Approximately 90 GPM	Approximately 43,200 gallons per 8 hour run time	129,000 gallons per 24 hour run time. Provide EHS with the Horsepower of the submersible pump and the most recent/accurate pump test results to determine how many gallons per minute (gpm) the well can produce.
Well 2	Active	Yes	Unknown/ Approximately 90 GPM	Approximately 43,200 gallons per 8 hour run time	129,000 gallons per 24 hour run time. Provide EHS with the Horsepower of the submersible pump and the most recent/accurate pump test results to determine how many gallons per minute (gpm) the well can produce.

Total Number of Active Sources: 2

Are the assigned source class codes for active sources accurate? Yes

Total # of Groundwater Sources: 2 Total # of Surface Water Sources: 0

## Source Capacity Information

Source Name: Well 1 Location (Latitude/Longitude): 34.616674, -117.357991

Source Name: Well 2 Location (Latitude/Longitude): 34.616526, -117.357957

Water produced during previous Calendar Year (units): 3,563,576 gallons (2020 Annual Report eAR)

Maximum Month: 1,071,093 gallons (February, 2014) Maximum Day: 38,253.3 gallons

Maximum Day Demand: 57,380 gallons Vs. Gallons Produced: 86,400 gallons

Does the total capacity meet the Maximum Day Demand (MDD)? Yes.

Discussion & Appraisal (i.e. does source capacity comply with Waterworks Standards?): For systems with less than 1,000 service connections, the system shall have the storage capacity to or greater than MDD, unless the system can demonstrate that it has an additional source of supply or has an emergency source connection that can meet the MDD requirement.

### SOURCE DATA

Well Name:	Well 1	Comments:
Primary Station (PS) Code	CA3601145_001_001	
Well Depth	160 feet	
Annular seal	50 feet	
Locked/ Fenced?	Well is located on VVWRA property which is adequately secured to protect from tampering, vandalism, and other threats.	
Surface Seal Size?	The surface seal is approximately 2.58 feet.	The slab shall extend horizontally at least three feet from the center of the well casing in all directions.
Concrete Pad Thickness?	The concrete pad is 16 inches thick.	The concrete well pad must be at least six inches thick and with the top being a minimum of four inches above the higher of the ground level or floor level at the well site.
Cracks in Concrete Pad?	No cracks observed at the time of inspection.	
Openings in wellhead (gasket, etc.)?	No openings observed at the time of inspection.	
Casing Vent (downturned/screened)?	No casing vent observed.	Recommend installing a casing vent to minimize the possibility of contamination caused by the creation of a partial vacuum during pumping. If installed, the casing vent shall terminate above the ground and above the known flood levels and shall be protected against the entrance of foreign material by installation of downturned and screened "U" bends. (#24 mesh non-corrodible screen). <i>California Well Standards (DWR Bulletins 74-81)</i>

		<b>Section 10 (A). California Well Standards (DWR Bulletins 74-81) Section 10 (E).</b>
Air Vent (downturned/screened)?	No air vent observed.	Recommend installing an air vent to release air trapped in the pump column when the pump is not running. If installed, the air vent shall terminate above the ground and above the known flood levels and shall be protected against the entrance of foreign material by installation of downturned and screened "U" bends. (#24 mesh non-corrodible screen). <b>California Well Standards (DWR Bulletins 74-81) Section 10 (A). California Well Standards (DWR Bulletins 74-81) Section 10 (E).</b>
Pedestal Height?	The wellhead is 18 inches above finished grade.	In the future if the system rehabilitates the well, the casing shall be extended to not less than 24 in. (610 mm) above the final ground-level elevation and not less than 24 in. (610 mm) above the 100-year flood level of record, whichever is higher. <b>AWWA Water Well Standards A100—15, Section 4.7.10.3 Height of casing aboveground.</b>
Drainage Away?	Observed slight drainage away from the well casing.	The upper surface of the concrete base/pad shall slope away from the well casing allowing water to drain away from the well. California Well Standards ( <b>DWR Bulletins 74-81) Section 10 (A)</b>
Discharge to Waste? BF Prevention?	Yes.	No backflow prevention required.
Check Valve?	Yes	
Sample tap? Threaded? Downturned? Upstream of CV?	Downturned/non-threaded sample tap upstream of the check valve.	
Flow Meter/ Type?	Installed/SIEMANS SITRANS FM MAG 6,000w	
Maintaining monthly production records?	Yes.	
Leaks?	No.	
Disinfection Pipe?	No.	The Water System continuously disinfects.
Well Completion Report on File?	Yes.	

<b>Well Name:</b>	Well 2	<b>Comments:</b>
Primary Station (PS) Code	CA3601145_002_002	
Well Depth	160 feet	
Annular seal	50 feet	
Locked/ Fenced?	Well is located on VVWRA property which is adequately secured to protect from tampering, vandalism, and other threats.	
Surface Seal Size?	The surface seal is approximately 2.25 feet.	The slab shall extend horizontally at least three feet from the center of the well casing in all directions.

Concrete Pad Thickness?	The concrete pad is 12 inches thick.	The concrete well pad must be at least six inches thick and with the top being a minimum of four inches above the higher of the ground level or floor level at the well site.
Cracks in Concrete Pad?	No cracks observed at the time of inspection.	
Openings in wellhead (gasket, etc.)?	No openings observed at the time of inspection.	
Casing Vent (downturned/screened)?	No casing vent observed.	Recommend installing a casing vent to minimize the possibility of contamination caused by the creation of a partial vacuum during pumping. If installed, the casing vent shall terminate above the ground and above the known flood levels and shall be protected against the entrance of foreign material by installation of downturned and screened "U" bends. (#24 mesh non-corrodible screen). <b>California Well Standards (DWR Bulletins 74-81) Section 10 (A). California Well Standards (DWR Bulletins 74-81) Section 10 (E).</b>
Air Vent (downturned/screened)?	No air vent observed.	Recommend installing an air vent to release air trapped in the pump column when the pump is not running. If installed, the air vent shall terminate above the ground and above the known flood levels and shall be protected against the entrance of foreign material by installation of downturned and screened "U" bends. (#24 mesh non-corrodible screen). <b>California Well Standards (DWR Bulletins 74-81) Section 10 (A). California Well Standards (DWR Bulletins 74-81) Section 10 (E).</b>
Pedestal Height?	The wellhead is 18 inches above finished grade.	In the future if the system rehabilitates the well, the casing shall be extended to not less than 24 in. (610 mm) above the final ground-level elevation and not less than 24 in. (610 mm) above the 100-year flood level of record, whichever is higher. <b>AWWA Water Well Standards A100—15, Section 4.7.10.3 Height of casing aboveground.</b>
Drainage Away?	Observed slight drainage away from the well casing.	The upper surface of the concrete base/pad shall slope away from the well casing allowing water to drain away from the well. <b>California Well Standards (DWR Bulletins 74-81) Section 10 (A)</b>
Discharge to Waste? BF Prevention?	Yes.	No backflow prevention required.
Check Valve?	Yes	
Sample tap? Threaded? Downturned? Upstream of CV?	Downturned/non-threaded sample tap upstream of the check valve.	
Flow Meter/ Type?	Installed/SIEMANS SITRANS FM MAG 5,100w	
Maintaining monthly production records?	Yes.	

Leaks?	No.	
Disinfection Pipe?	No.	The water system continuously disinfects.
Well Completion Report on File?	Yes.	

**SOURCE CONTAMINATION**

**Vulnerabilities**

Surrounding Land Use: The general surrounding land use includes: Lagoons/Liquid wastes and sewer collection systems being in close proximity; Wastewater Treatment and discharge operations; Agricultural Operations; and Mojave River Bed.

Susceptible to: According to the Drinking Water Assessment and Protection (DWSAP) Programs on file from 2002 Both sources were considered to be mostly vulnerable to the following activities not associated with Detected contaminants: Lagoons/Liquid wastes and sewer collection systems being in close proximity.

Sewage Disposal (septic tanks, sewer, combination): Sewer

Distances from Sources: Unknown. The latest distribution map on file with Environmental Health Services does not detail sewage disposal locations. The system must submit a detailed distribution map with specifications on the distances of the septic tanks and leach lines from the groundwater source.

**TREATMENT**

**Groundwater Treatment**

Does the system have treatment? Yes.

Treatment is provided for: Disinfection

Treatment Name: Well 1 - Disinfection Location (Latitude/Longitude): 34.616674, -117.357993

Treatment Name: Well 2 - Disinfection Location (Latitude/Longitude): 34.616525, -117.357963

Is the Water Treatment Process Approved? Yes.

Have all treatment Classifications been updated? Yes.

**Treatment Operations**

Treatment Operator Requirement: The Water System is required a Distribution Grade (D1) certification.

Is the water system in compliance with treatment operator permit requirements? Yes.

**Disinfection Treatment**

Does the system use Disinfection Treatment: Yes.

Disinfection Treatment: The Water System has two (2) chlorination plants located at both wellheads.

Location (Latitude/Longitude): 34.616674, -117.357993

Is continuous or emergency disinfection provided? Continuous

Chemical used: Sodium Hypochlorite Manufacturer: LA CHEMCHLOR What is the Dosage? 50

Is it ANSI/NSF 60 certified? The chemicals added to the drinking water shall be certified to meet the National Sanitation Foundation International/American National Standards Institute (NSF/ANSI) Standard 60 specifications for direct water additives.

Is there a Chlorination plan on file? No plan provided during the inspection. Create an updated Emergency Chlorination Plan. The emergency chlorination plan shall include: where, how, dosage, etc. Include as part of the Operations and Maintenance Plan.

Emergency Chlorination Capability: Yes, continuous chlorination.

Records Maintained of Treatment: Yes, records are maintained of disinfection.

Is the water system free of MCL exceedances for maximum Residual Disinfectant Levels for systems that chlorinate, pursuant to Title 22, CCR, Section 64533.5? Yes. The Water system shall ensure that the chlorine residual is Maintained at less than 4ppm. Note: Approved Testing Kit (BAT or DPD Method).

Is the water system in compliance with monitoring and reporting requirements pursuant to Title 22, CCR, Sections 64535.4 and 64537.4? Yes.

Is the water system in compliance with permit requirements for disinfection? Yes.

**Disinfection Equipment**

Is there an operations and maintenance manual on file? Is it up-to-date? Yes, there is an Operations and Maintenance Manual on file with EHS.

Chemical feed pump model/ Capacity: PulsaTron Pulsafeeder – 24 gpd, 100 psi pump

Is it ANSI/NSF 61 certified? Yes. Note: a water system shall not use any mechanical devices used in treatment/transmission/distribution systems (valves, chlorinators, separation membranes) that has not been tested and certified as meeting the specifications of NSF International/American National Standard Institute (NSF/ANSI) 61-2005 / Addendum 1.0-2005 (Drinking Water System Components—Health Effects), which is hereby incorporated by reference.

Is the chemical field equipment calibrated per manufacturer’s recommendations? Unknown. Ensure the chemical equipment is calibrated per the manufacturers recommendations.

Injection Location: The chlorine injection points are located at the wellhead of Well 1 and Well 2.

Shaded from direct sunlight? No.

## Main Disinfection

Does the main disinfection program comply with AWWA standards (when work is completed on main lines for repairs, etc.)? Unknown. Provide information about disinfection practices during construction and repairs on main lines.

Explain the main disinfection program including methods, contact time, chlorine residual, bacteriological tests, records & compliance with AWWA specifications: Unknown. Provide information in the Emergency Chlorination Plan. This Emergency Chlorination Plan can be a part of the Operations and Maintenance Plan.

## PUMPS, PUMP FACILITIES, AND CONTROLS

### Source Pumps

Source Name:	Well 1	Well 2	Comments:
Pump Type	Submersible	Submersible	
Lubrication	Water	Water	
Make	Unknown	Unknown	Provide EHS with the make of the submersible pump.
Size (HP)	Unknown	Unknown	The horsepower of the submersible pump could not be confirmed. Provide EHS with the horsepower of the submersible pump.
Capacity (GPM)	90 gallons per minute (gpm)	90 gallons per minute (gpm)	Provide the most recent/accurate pump test results to determine how many gallons a minute (gpm) the well can produce.
Type of Power	Electric	Electric	
Auxiliary Power	Yes	Yes	
Operation controlled By?	Pressure	Pressure	

Discussion: Provide the most recent/accurate pump test results to determine how many gallons a minute (gpm) both wells can produce.

### Source Pump Information

Are the most recent source pump tests on file? No. Provide EHS with the most recent pump tests.

Are there spare parts and tools readily available for pumps? There are some tools and parts available for use.

### Booster Pumps

Are there booster pumps? No.

Are all booster pump locations in adequate, sanitary conditions? N/A

Are there spare parts and tools readily available for booster pumps? N/A

## FINISHED WATER STORAGE

### Storage/Pressure Tanks

<b>Facility Name:</b>	Hydropneumatic Tank	<b>Comments:</b>
<b>Latitude/Longitude:</b>	34.616512, -117.357933	
<b>Type (Pressure or Storage)</b>	Pressure	
<b>Style (elevated, at or below grade)</b>	At grade	
<b>Capacity</b>	1,000 gallons	
<b>Max. Day Demand</b>	57,380 gallons	
<b>Dimensions (approx.)</b>	Unknown	Provide EHS with the approximated dimensions of the storage tank facilities.
<b>Material</b>	Welded Steel	
<b>Separate Inlet/outlet</b>	Separate	
<b>Pressure Relief</b>	Yes	
<b>Vent (Screened)</b>	N/A	
<b>Sample Tap (non-threaded/downturned)</b>	No sample tap observed.	
<b>Isolation Valves</b>	Isolation valves were not observed at the time of inspection.	
<b>Screened Overflow/ Air Gap</b>	N/A	
<b>Hatch (gasket, etc.)</b>	N/A	
<b>Roof</b>	N/A	
<b>Leaks?</b>	No leaks observed at the time of inspection.	
<b>Openings in the tank</b>	No openings observed at the time of inspection.	
<b>Tank walls inside in good condition</b>	Unknown.	Ensure that the inside walls of the tank are in good condition.
<b>Outside walls in good condition</b>	Outer walls of the hydro-pneumatic tank appear to be in good condition.	
<b>Is the tank lid/hatch locked?</b>	N/A	
<b>Is the area around the tank fenced/locked?</b>	Yes. The hydropneumatic tank is protected from unauthorized persons to prevent contamination.	
<b>Tank level controls</b>	Tank level controls are installed.	
<b>Tank Drain (Screened)</b>	No tank drain observed.	

Discussion: At the time of inspection, the operator stated the Water System is looking into upgrading their distribution system and Storage tank. A permit amendment is required for (1) the addition of a new distribution Reservoir (100,000 gallon capacity or greater) to the distribution system; (2) Expansion of the existing service area (by 20% or more of the number of service connections specified in the most recent permit or permit amendment. Newly installed distribution reservoirs shall meet the following: (1) Any reservoir coatings or linings shall be installed in accordance with manufacturer's instructions; (2) Vents and other openings shall be constructed and designed to prevent the entry of rainwater or runoff, and birds, insects, rodents, or other animals; (3) At least one sampling tap shall be available to enable representative sampling of the water in the reservoir that will be entering the distribution system; the tap shall be protected against freezing, if necessary; and (4) A reservoir shall not be designed, constructed, or used for any activity that creates a contamination hazard. The water

supplier shall submit to the State Board for review the design drawings and specifications for each proposed distribution reservoir prior to its construction.

The Water System must perform additional bacteriological monitoring as follows: (1) After construction or repairs of wells; (2) After main installation or repair; (3) After construction, repair, or maintenance of storage facilities; and (4) After any system pressure loss to less than five psi. Contact EHS should pressure fall below 5 psi.

Were the tanks free of physical deficiencies? Yes.

Does the storage meet the maximum day demand? No. The Water System shall plan and budget on increasing the System's water storage capacity to meet the MDD requirement.

### Finished Water Storage Inspection/ Cleaning

Were reservoirs internally inspected? There is no record of an inspection on the hydro-pneumatic tank.

Were reservoirs externally inspected? There is no record of an inspection on the hydro-pneumatic tank.

Does the water system have comprehensive evaluations performed on the tanks (i.e. tank draining)? No.

Discussion: It is recommended that the hydro-pneumatic pressure tanks be inspected every 5 years by an engineer with expertise in ASME codes.

## DISTRIBUTION SYSTEM

### Operator

Distribution Operator Requirement: VVWRA is classified as a minimum D-1 distribution system.

Is the water system in compliance with Distribution operator permit requirements? Yes.

### Distribution Mains

Material	Amount %	Diameter	Condition	Comments
Plastic (Including Poly Vinyl Chloride and HDPE)	100	4-inch	Exposed distribution appears to be in good condition.	2020 Annual Report (eAR) states the distribution piping is an average age of 30 years.

### Water Distribution

Are water main and sewer separation practices meeting Title 22, CCR, section 64572? Unknown. Ensure the water main and sewer separation meets the requirements set forth in Title 22, CCR section 64572.

Are the materials standards for water mains in compliance with title 22, CCR, Section 64570? Unknown. Ensure that all newly installed water mains meet the requirements set forth in Title 22, CCR section 64570.

### Leaks

Discuss leak history since the last sanitary survey: According to the operator, there were no significant leaks

observed since the last sanitary survey.

Has the system experienced any water outages? According to the operator, the Water System has not experienced any water outages. The water system must perform additional bacteriological monitoring as follows: (1) After construction or repairs of wells; (2) After main installation or repair; (3) After construction, repair, or maintenance of storage facilities; and (4) After any system pressure loss to less than five psi. Samples collected shall represent the water quality in the affected portions of the system. Contact EHS should pressure fall below 5 psi.

Is there a Leak Detection Program? The Water System does not have a formal leak detection program. EHS recommends VVWRA manages a formal leak detection program to target and prevent large leaks from occurring. Leaks are detected through visual and pressure observation.

Is the Distribution free of low headlines (<5psi)? Yes.

## MONITORING, REPORTING AND DATA VERIFICATION

### Bacteriological Monitoring

Total number of monthly samples taken per approved Bacteriological Sample Siting Plan (BSSP): 1/Month

What is the revised Total Coliform Rule (rTCR) required minimum samples per month from distribution? 1/Month

What is the rTCR required minimum samples per month/ quarter from source? For a groundwater (not GWUDI) source that is treated with a primary residual disinfectant on a continuous basis shall take a raw water sample each calendar quarter, with samples collected during the same month (first, second, or third) of each calendar quarter. If the raw water sample is total coliform-positive, a raw water sample shall be collected each month. If no coliforms are detected for a minimum of three consecutive months, a public water system may submit a request to EHS to go back to standard monitoring (once a quarter).

Is the Bacteriological Sample Siting Plan (BSSP) current? No, observed that the System is using the old BSSP form. Ensure that the System completes and submits the new BSSP form (see discussion below).

Routine Sample Site Location	
1. Old Administration Building	Bottom Floor, Lab Sink Faucet West

Follow-up (Repeat) Sample Sites	
1. Old Administration Building	4. O&M Building, Breakroom Sink Faucet
2. Old Administration Building, Bottom Floor, Emergency Eyewash Faucet	5. Wells in use when the positive routine sample was taken.
3. New Administration Building, Breakroom Sink Faucet	

\* Follow-up (Repeat) sample set must be collected within 24 hours following a total coliform/*E. coli* "present" notification.

Violations in the past year? No violations observed in the past year.

Any fecal (*E. coli*) positives? No.

Discussion: A public water system shall collect bacteriological samples for total coliform analysis in accordance with

The State Board-approved bacteriological sample siting plan. When completing the new BSSP ensure the Water System must collect at least one Repeat sample from the sampling tap where the original total coliform-positive sample was taken. Other repeat samples shall be collected within 5 service connections upstream or downstream of the original site. At least one sample shall be from upstream and one from downstream unless there is no upstream and/or downstream service connection. Prior approval must be submitted.

### Source Chemical Monitoring

Drinking Water Watch: <https://sdwis.waterboards.ca.gov/PDWW/>

Is the PWS using the WQIR Monitoring Schedule and Drinking Water Watch? Yes.

Is the PWS having their results electronically transferred to Drinking Water Watch? No. Nitrite results sampled on 10/11/2021 for Well 1 and Well 2 were not electronically transferred to the State. Contact Babcock Laboratories, Inc. to have the results electronically transferred to the State via the appropriate PS Codes.

Is all source chemical monitoring and reporting in compliance? If no, explain: No. The Water System is required to collect and analyze for Total Trihalomethanes (TTHM) and Haloacetic acids (HAA5) on an annual basis. Samples must be collected during the month of warmest water temperature and at locations representing maximum residence time. If sampled, forward the results to EHS for review and ensure the results are uploaded to the State via EDT method. The Water System will be issued a citation for the failure to monitor for Disinfection By-products on an annual basis.

Source monitoring and reporting violations? No.

Explain any increased or reduced monitoring updates: There are no increased or reduced monitoring updates. Continue to utilize the WQIR Monitoring Schedule for any updates or changes to chemical monitoring. Nitrate as N Results for Well 1 and Well 2 exceed 50% of the maximum contaminant level (MCL), however, the Water System has already completed a year of quarterly monitoring for both wells and has been approved for annual monitoring.

Have any waivers been issued, explain: The Water System has not been issued any source monitoring waivers.

Complies with all Primary MCLs: Yes Complies with all Secondary MCLs: Yes

### Lead and Copper Monitoring (Distribution)

Is Corrosion Control Treatment provided? No

Is the system in compliance with corrosion control requirements of the Lead and Copper Rule (LCR)? (if applicable; Title 22, CCR, Sections 64682 and 64684): N/A

What is the PWS required frequency for monitoring? The Water System must sample every 3 years.

How many sites are required to be sampled? 5 When are the next samples due? 09/30/2024

Last 90<sup>th</sup> Percentile (Copper): 0.075 mg/L Last 90<sup>th</sup> Percentile (Lead): 0.0046 mg/L

Is the system free of Lead and Copper action level exceedances? Yes.

Is monitoring and reporting for the LCR in compliance? Yes.

### Disinfection Byproduct Monitoring (Distribution)

Does the system have to monitor for DBP? Yes.

Is there an approved DBP Plan on file? Yes.

Date of DBP Plan: 05/24/2021 Is the plan up to date? Yes

Frequency: Annually Number of samples required: 1

Last sample result (Total TTHMs): 3.9 µg/L OEL Exceedances? No MCL Exceedances: No

Last sample result (Total HAA5s): 0.0 µg/L OEL Exceedances? No MCL Exceedances: No

Discussion: The Water System is past due on their Disinfection By-product monitoring. Provide EHS the sampling Results for TTHM & HAA5 or the Water System will be subject to receive a citation. If not sampled, ensure to sample according to the DBPR monitoring plan on file with EHS.

Drinking Water Watch: <https://sdwis.waterboards.ca.gov/PDWW/>

### Additional Reporting

Has DDW received all Electronic Annual Reports (EARs) since the last sanitary survey? Yes.

Were all EARs complete? Yes.

Has San Bernardino EHS received all Consumer Confidence Reports (CCRs) since the last sanitary survey? Yes.

Were all CCRs complete according to Title 22, CCR, Section 64480? Yes.

Has San Bernardino EHS received all CCR certification forms? Yes.

Was enforcement reported in the CCR and was public notification included (if applicable)? No.

## SYSTEM MANAGEMENT AND OPERATIONS

### Operators

Operator: Robert Townsend

Distribution Certification Grade: D2 OP #: 47679 Renewal Date: 8/1/2023 Expiration Date: 12/1/2023

City: Apple Valley State: California Zip Code: 92308

Frequency of visits: Daily (Monday-Friday)

Operator: Latif Laari

Distribution Certification Grade: D2 OP #: 48044 Renewal Date: 10/1/2022 Expiration Date: 2/1/2023

City: Phelan State: California Zip Code: 92371

Frequency of visits: Daily (Monday-Friday)

Operator: Robert Townsend

Treatment Certification Grade: T2 OP #: 41219 Renewal Date: 9/1/2023 Expiration Date: 1/1/2024

City: Apple Valley State: California Zip Code: 92308

Frequency of visits: Daily (Monday-Friday)

Operator: Latif Laari

Treatment Certification Grade: T2 OP #: 40212 Renewal Date: 10/1/2022 Expiration Date: 2/1/2023

City: Phelan State: California Zip Code: 92371

Frequency of visits: Daily (Monday-Friday)

## Operations and Maintenance

Is there an operations and maintenance manual on file and is it up to date for the entire system? Yes. The Water System has an updated and completed Operations and Maintenance Manual on file with EHS.

## Cross-Connection Control

Has survey been completed? No. The water supplier shall protect the public water supply from contamination by the implementation of a cross-connection control program.

Number of assemblies? 4

Name of cross-connection specialist: N/A. Need a cross-connection survey.

Cross-Connection control ordinance on file? (Title 17, CCR, Section 7584): Yes.

Discussion: There is no cross-connection control survey on file for the water system. The system shall complete a Cross-connection survey and provide a copy to EHS.

## Backflow Prevention Devices

Are all backflow prevention devices tested annually to comply with Title 17, CCR, Section 7584? No. The last Backflow certifications EHS has on file is from 2020. Provide EHS with the 2021 backflow certifications.

Discussion: Backflow preventers shall be tested at least annually or more frequently if determined to be necessary by the health agency or water supplier. When devices are found to be defective, they shall be repaired or replaced.

## Valve Maintenance Program

Does the system have a map of all system valves? No. Include in distribution map.

Does the system have a formal valve maintenance program? Yes. Included in the Operations and Maintenance Manual.

Number of valves exercised last year? Unknown. Ensure that valves are being exercised on a regular basis. Create and manage a program to ensure all valves are exercised at least annually.

## Flushing Program

How many dead ends does the system have? Unknown. Provide information to EHS.

Describe the flushing program: Include the schedule and procedure for flushing dead end mains, and the procedures for disposal of the flushed water including dechlorination in the Operations and Maintenance Manual.

Does the system annually flush all dead ends? Yes, according to the Operations plan on file with EHS.

Does the system have flushing records? No. Maintain all records and ensure they are available for review at the time of inspection.

## Auxiliary Power

Is there auxiliary power on site? Yes.

Is the auxiliary power routinely tested? Yes. The auxiliary power is routinely tested on a monthly basis.

Is the auxiliary power (or standby storage) able to supply and pressurize the entire distribution system for a minimum of 8 hours for normal operation? Yes.

## Emergency Response

Is there an up-to-date emergency notification plan on file? No. Use the template below to update the ENP on file. The ENP must be updated on an annual basis or if the emergency contacts for the Water System change.

Is there an Emergency Response Plan? No.

## Management

Is record retention in compliance? Yes. Ensure that the Water System maintains all records. §64470. Recordkeeping

Record retention review: The Water System must have all records available on-site for inspector review.

Does the water system have a customer complaint program? Verbal Complaints (Employees Only)

Is the complaint program adequate? Yes. Ensure to track and notate all complaints and keep them on record for review.

## Financial Capacity

Is there a budget? Yes.

Is the budget audited? Yes.

Do revenues exceed expenditures? The facility cannot have revenues exceed expenditures. Public Utility.

Is there a capital improvement plan? Yes.

Is there a main replacement program? Unknown. Provide information to EHS.

**RESILIENCY & PREPAREDNESS**

**Extreme Weather Vulnerabilities**

Service Area (Geography): The system is located in at the Southwestern edge of the Mojave Desert. It is in very Close proximity to the Mojave River bed.

Weather conditions that may have affected Water System (Condition, Dates): None.

Any preparedness measures to deal with extreme and/or unpredictable climate events, explain: Yes, VVWRA has Emergency plans in place in the event of unexpected/unpredictable events.

**Preparedness**

Preparedness Measure	Yes or No	Comments
Fire Emergency: Is there a defensible space 100 feet maintained around all sources and structures managed by the PWS?	No	
Flooding: Are any drinking facilities vulnerable to flooding?	No	
Drought: Is the system prepared for drought related shortages or outages? (interties, backup supply, increased storage)	Yes	
Groundwater source: Is the PWS monitoring depth to groundwater on a routine basis?	Yes	
Degrading Source Water Quality: Has source water quality degraded over time, or specifically during the most recent drought?	No	
Backup Power: Is backup power available, e.g., through portable or permanent power generators?	Yes	

**Hazard Analysis**

Hazard	Comments
Cybersecurity: Have any preventative measures been put into place to protect the system from a cybersecurity attack?	Yes, VVWRA has network protection to prevent a cybersecurity attack.
Bioterrorism: Have any preventative measures been put into place to protect the system from a bioterrorism attack?	Unknown. Provide this information to EHS.

**Useful Resources**

CREAT tool link: <https://www.epa.gov/crwu/climate-resilience-evaluation-and-awareness-tool-creat-risk-assessment-application-water>

## SIGNIFICANT DEFICIENCY EVALUATION

	Sanitary survey Item	Y	N	Deficiency
1.	Source		X	<b>Unapproved source is being used.</b> An unapproved source that is not listed in the water supply permit or is not permitted for active or standby uses.
2.	Treatment		X	<b>Inadequate disinfection contact time, disinfectant concentration, disinfectant dose, or disinfection is not continuous.</b> Water systems with groundwater disinfection requiring 4-log virus inactivation is not meeting disinfectant contact time (CT) continuously, and not for occasional failures.
3.	Distribution System		X	<b>Cross connections.</b> Exists cross connections with unapproved sources or piping systems conveying hazardous or unknown fluids without the appropriate backflow prevention assembly.
4.	Finished Water storage		X	<b>Holes or other failures of tank roof or structure, faulty roof or floating cover drainage.</b> Cracks in roof seams, access hatches, vent openings, and improperly sealed access holes for level indicators and cathodic protection equipment are creating vulnerable points for surface contamination.
5.	Pumps, pump Facilities & Control		X	<b>Cross connections to non-potable supplies, pump, or generator cooling water.</b> Direct connections to these piping systems are not protected with appropriate backflow prevention devices.
6.	Monitoring & Reporting, and Data Verification		X	<b>The water system has been found to be in significant non-compliance for one or more contaminants.</b> The water system is distributing water to costumers in excess of one or more primary MCLs.
7.	System Management & Operation		X	<b>Failure to meet demand (frequent interruptions of service, unreliable source).</b> Water system frequently experiences low water pressures (<20 psi) or water outages. The use of standby sources (in excess of 5 consecutive days or 15 calendar days) to meet peak demands, or repeated failures of the primary well.
8.	Operator Certification		X	<b>The chief operator is not certified at the required level/grade.</b> The chief operator of a treatment plant or distribution system does not have the certification at the same grade (or higher) as the treatment plant or distribution system classification. Water system without a certified operator.

## OVERALL SYSTEM APPRAISAL

At the time of this Sanitary Survey, the Water System appears to be in good condition.

Continue analyzing the water per water quality monitoring schedule. Ensure total coliform bacteria and lead and copper are analyzed from within the distribution system and all other chemical constituents are analyzed from the water well sources. Monitoring schedule is also available online at <https://sdwis.waterboards.ca.gov/PDWW/>.

The Consumer Confidence Report (CCR) is due on an annual basis by July 1st to EHS and to every customer in the Water System. The CCR Certification Form is due by October 1st and is submitted to EHS following the distribution of the CCR.

The Electronic Annual Report (eAR) is due on an annual basis by April 1st online at the DRINC Portal, which may be found at: <https://ear.waterboards.ca.gov/>. The 2020 eAR was completed and submitted by the Water System.

Inspector Signature:  \_\_\_\_\_ Date: 2/7/2022



**System Name: Victor Valley Wastewater PWS#: 3601145      Inspection Date: 12/2/2021**

**SIGNIFICANT DEFICIENCY EVALUATION**

Category	Reference	Observations/ Corrective Actions	Compliance Date	Correction Date
No Significant Deficiencies observed at time of Sanitary Survey.				

**DEFICIENCY EVALUATION**

Category	Reference	Observations/ Corrective Actions	Compliance Date	Correction Date
Distribution System	<b><i>Title 17 California Code of Regulations (CCR) §7584. Responsibility and scope of program.</i></b>	Did not observe any records of a Cross-Connection Control Survey on file with EHS. Ensure that the System conducts and/or submits a report for the Cross-Connection Control Survey.	8/26/2022	
Source	<b><i>Title 22 California Code of Regulations (CCR) §64421. General Requirements.</i></b>	Observed the Water System is not sampling for Total Coliform from the sources (Well 1 and Well 2) on a quarterly basis. Since the sources are treated with disinfectant on a continuous basis the Water System must ensure that Well 1 and Well 2 are sampled for total coliform on a quarterly basis. The samples must be collected during the same month (first, second, or third) of each calendar quarter.	3/31/2022	
Distribution System	<b><i>Title 17 California Code of Regulations (CCR) §7605. Testing and maintenance of backflow preventers.</i></b>	Did not observe annual test results for the backflow prevention devices for 2021. Ensure that all backflow prevention devices are tested annually. Submit all test reports to EHS.	3/31/2022	
Monitoring & Reporting	<b><i>Title 22 California Code of Regulations (CCR) §64534.2. Disinfection Byproducts Monitoring.</i></b>	Observed the Water System is past due on the required TTHM and HAA5 sampling. The water system must sample for the disinfection by-products during the month with the warmest water temperature at locations representing maximum residence time and highest disinfection byproducts concentration. If sampled in 2020 or 2021, forward to EHS and ensure the	6/30/2022	

		results are uploaded to the state via the appropriate PS Code.		
Monitoring & Reporting	<b><i>Title 22 California Code of Regulations (CCR) §64469. Reporting Requirements.</i></b>	Observed that the System has not electronically transferred their Nitrite as N results sampled on 10/11/2021 for Well 1 and Well 2 to the state website. Ensure that all sample results are electronically transfers (Electronic Data Transfer, EDT) their sample results to the state’s database.	4/30/2022	
Source	<b><i>Title 22 California Code of Regulations (CCR) §64554. New and Existing Source Capacity.</i></b>	Did not observe the most recent pump test on file for Well 1 and Well 2. Provide the most recent/accurate pump test results to determine how many gallons a minute (gpm) the well can produce.	4/30/2022	
Management & Operation	<b><i>Title 22 California Code of Regulations (CCR) §64554. New and Existing Source Capacity.</i></b>	Observed the Water System does not have the storage capacity equal to or greater than their Maximum Day Demand (MDD). Ensure that the system has storage capacity equal to or greater than the MDD. The Water System shall plan and budget on increasing the System’s water storage capacity to meet the MDD requirement.	8/26/2022	
Management & Operation	<b><i>California Health and Safety Code Section 116460</i></b>	Did not observe an updated Emergency Notification Form. Ensure that the System completes the Emergency Notification Form. Note: Emergency Notification Forms shall be submitted annually. You may find the template in the following link: <a href="https://wp.sbcounty.gov/dph/wp-content/uploads/sites/7/2021/03/Water-Quality-Emergency-Notification-Plan.pdf">https://wp.sbcounty.gov/dph/wp-content/uploads/sites/7/2021/03/Water-Quality-Emergency-Notification-Plan.pdf</a>	3/31/2022	
Management & Operation	<b><i>Title 22 California Code of Regulations (CCR) §64422. Bacteriological Sample Siting Plan.</i></b>	Observed the System is utilizing the old BSSP form and the new rTCR requirements are now in effect. Ensure that the System completes and submits an up-to-date Bacteriological Sample Siting Plan (BSSP). The updated BSSP template is available upon request.	3/31/2022	

## RECOMMENDATIONS

Category/Location	Recommendation
Finished Water Storage	It is recommended that the hydro-pneumatic pressure tanks be inspected every 5 years by an engineer with expertise in ASME codes.
Distribution System	EHS recommends VVWRA manages a formal leak detection program to target and prevent large leaks from occurring.

## ADDITIONAL REPORTING

Item	Due Date	Comment
<b>2021 Electronic Annual Report (eAR)</b>	April 1 <sup>st</sup>	New eAR website: <a href="https://ear.waterboards.ca.gov/">https://ear.waterboards.ca.gov/</a>
<b>2021 Consumer Confidence Report (CCR)</b>	July 1 <sup>st</sup>	
<b>2021 CCR Certification</b>	October 1 <sup>st</sup>	
<b>Emergency Notification Plan (ENP)</b>	Update Annually	Template available: <a href="https://wp.sbcounty.gov/dph/wp-content/uploads/sites/7/2021/03/Water-Quality-Emergency-Notification-Plan.pdf">https://wp.sbcounty.gov/dph/wp-content/uploads/sites/7/2021/03/Water-Quality-Emergency-Notification-Plan.pdf</a>
<b>Backflow Prevention Device Testing</b>	Annually	Past Due – Send EHS the 2021 Backflow Certifications
<b>Disinfection Operational Log</b>	Monthly	In Compliance.
<b>Disinfection By-Product Rule Monitoring Plan</b>	Update Annually	Template available: <a href="https://wp.sbcounty.gov/dph/wp-content/uploads/sites/7/2020/12/Disinfectant-byproduct-rule-10.2.2020_distributed.pdf">https://wp.sbcounty.gov/dph/wp-content/uploads/sites/7/2020/12/Disinfectant-byproduct-rule-10.2.2020_distributed.pdf</a>

## DISTRIBUTION MONITORING SCHEDULE

CONSTITUENT	LAST RESULTS	LAST SAMPLE DATE	FREQUENCY	NEXT SAMPLE DUE
<b>Total Coliform Bacteria (Distribution)</b>	Absent	01/06/2022	Monthly	2/2022
<b>Lead (1 set of 5 samples)</b>	0.075 mg/L (Last 90 <sup>th</sup> Percentile)	07/27/2021	Every three years	9/30/2024
<b>Copper (1 set of 5 samples)</b>	0.0046 mg/L (Last 90 <sup>th</sup> Percentile)	07/27/2021	Every three years	9/30/2024
<b>Disinfection By-Products (DBPR)</b>	See WQI Monitoring Schedule below			

DBP monitoring schedule with new PS Codes is available online at <https://sdwis.waterboards.ca.gov/PDWW/>

**SOURCE MONITORING SCHEDULE**

CONSTITUENT	LAST RESULTS	LAST SAMPLE DATE	FREQUENCY	NEXT SAMPLE DUE
<b>*Total Coliform Bacteria (Sources)</b>	Unknown	Unknown	Quarterly	Quarter 1, 2022 (January – March)

\*Under the rTCR, all PWS with groundwater sources that are continuously disinfected must collect a coliform sample each calendar quarter from the source water prior to disinfection.

Source monitoring schedule is with new PS Codes available online at <https://sdwis.waterboards.ca.gov/PDWW/>

PSCODE	GC	GROUP/ANALYTE	LESS THAN	REPORTING LEVEL	LAST RESULT	COUNTING ERROR (±)	UOM	MCL	DLR	LAST SAMPLE	COUNT OF RESULTS	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES	
CA3601145_001_001		<b>VICTOR VALLEY WASTEWATER RECLAM</b>					<b>WELL 1</b>									
	<b>IO</b>	<b>INORGANIC</b>														
	1002	ALUMINUM	<	50.000	0.000	0.000	UG/L	1000	50	11/29/2019	5	36		2022/11		
	1074	ANTIMONY, TOTAL	<	6.000	0.000	0.000	UG/L	6	6	11/29/2019	5	36		2022/11		
	1005	ARSENIC		2.000	5.100	0.000	UG/L	10	2	11/29/2019	5	36		2022/11		
	1010	BARIUM	<	100.000	0.000	0.000	UG/L	1000	100	11/29/2019	5	36		2022/11		
	1075	BERYLLIUM, TOTAL	<	1.000	0.000	0.000	UG/L	4	1	11/29/2019	5	36		2022/11		
	1015	CADMIUM	<	1.000	0.000	0.000	UG/L	5	1	11/29/2019	5	36		2022/11		
	1020	CHROMIUM	<	10.000	0.000	0.000	UG/L	50	10	11/29/2019	5	36		2022/11		
	1024	CYANIDE	<	100.000	0.000	0.000	UG/L	150	100	11/29/2019	5	36		2022/11		
	1025	FLUORIDE		0.100	0.410	0.000	MG/L	2	0.1	11/29/2019	5	36		2022/11		
	1035	MERCURY	<	1.000	0.000	0.000	UG/L	2	1	11/29/2019	5	36		2022/11		
	1036	NICKEL	<	10.000	0.000	0.000	UG/L	100	10	11/29/2019	5	36		2022/11		
	1039	PERCHLORATE	<	4.000	0.000	0.000	UG/L	6	4	1/17/2020	6	36		2023/01		
	1045	SELENIUM	<	5.000	0.000	0.000	UG/L	50	5	11/29/2019	5	36		2022/11		
	1085	THALLIUM, TOTAL	<	1.000	0.000	0.000	UG/L	2	1	11/29/2019	5	36		2022/11		
	<b>NI</b>	<b>NITRATE/NITRITE</b>														
	1040	NITRATE		0.200	7.200	0.000	mg/L	10	0.4	10/11/2021	35	12		2022/10		
	1041	NITRITE	<	0.400	0.000	0.000	mg/L	1	0.4	12/19/2018	5	36		2021/12	<b>DUE NOW</b>	
	<b>RA</b>	<b>RADIOLOGICAL</b>														
	4109	GROSS ALPHA PARTICLE ACTIVITY		1.300	2.010	1.070	PCI/L	15	3	11/29/2019	5	108	Interval	2028/11		
	<b>S1</b>	<b>REGULATED VOC</b>														
	2981	1,1,1-TRICHLOROETHANE	<	0.500	0.000	0.000	UG/L	200	0.5	12/30/2020	5	36		2023/12		
	2988	1,1,2,2-TETRACHLOROETHANE	<	0.500	0.000	0.000	UG/L	1	0.5	12/30/2020	5	36		2023/12		

2985	1,1,2-TRICHLOROETHANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/30/2020	5	36	2023/12
2978	1,1-DICHLOROETHANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/30/2020	5	36	2023/12
2977	1,1-DICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	6	0.5	12/30/2020	5	36	2023/12
2378	1,2,4-TRICHLOROBENZENE	<	0.500	0.000	0.000	UG/L	5	0.5	12/30/2020	5	36	2023/12
2968	O-DICHLOROBENZENE	<	0.500	0.000	0.000	UG/L	600	0.5	12/30/2020	5	36	2023/12
2980	1,2-DICHLOROETHANE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/30/2020	5	36	2023/12
2983	1,2-DICHLOROPROPANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/30/2020	5	36	2023/12
2413	1,3-DICHLOROPROPENE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/30/2020	5	36	2023/12
2969	P-DICHLOROBENZENE	<	0.500	0.000	0.000	UG/L	5	0.5	12/30/2020	5	36	2023/12
2990	BENZENE	<	0.500	0.000	0.000	UG/L	1	0.5	3/31/2021	7	36	2024/03
2982	CARBON TETRACHLORIDE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/30/2020	5	36	2023/12
2380	CIS-1,2-DICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	6	0.5	12/30/2020	5	36	2023/12
2964	DICHLOROMETHANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/30/2020	5	36	2023/12
2992	ETHYLBENZENE	<	0.500	0.000	0.000	UG/L	300	0.5	3/31/2021	7	36	2024/03
2251	METHYL TERT-BUTYL ETHER	<	3.000	0.000	0.000	UG/L	13	3	12/30/2020	5	36	2023/12
2989	CHLOROBENZENE	<	0.500	0.000	0.000	UG/L	70	0.5	12/30/2020	5	36	2023/12
2996	STYRENE	<	0.500	0.000	0.000	UG/L	100	0.5	12/30/2020	5	36	2023/12
2987	TETRACHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	5	0.5	3/31/2021	7	36	2024/03
2991	TOLUENE	<	0.500	0.000	0.000	UG/L	150	0.5	3/31/2021	7	36	2024/03
2979	TRANS-1,2-DICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	10	0.5	12/30/2020	5	36	2023/12
2984	TRICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	5	0.5	3/31/2021	7	36	2024/03
2218	TRICHLOROFLUOROMETHANE	<	5.000	0.000	0.000	UG/L	150	5	12/30/2020	5	36	2023/12
2904	TRICHLOROTRIFLUOROETHANE	<	10.000	0.000	0.000	UG/L	1200	10	12/30/2020	5	36	2023/12
2976	VINYL CHLORIDE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/30/2020	5	36	2023/12
2955	XYLENES, TOTAL	<	0.500	0.000	0.000	UG/L	1750	0.5	3/31/2021	7	36	2024/03
<b>S2</b>	<b>REGULATED SOC</b>											
2414	1,2,3-TRICHLOROPROPANE	<	0.000	0.000	0.000	UG/L	0.005	0.005	11/19/2020	11	36	2023/11
2063	2,3,7,8-TCDD	<	0.000	0.000	0.000	NG/L	0.035	0.005	12/30/2020	5	36	2023/12
2110	2,4,5-TP	<	1.000	0.000	0.000	UG/L	50	1	12/30/2020	4	36	2023/12
2105	2,4-D	<	10.000	0.000	0.000	UG/L	70	10	12/30/2020	5	36	2023/12
2051	LASSO (ALACHLOR)	<	1.000	0.000	0.000	UG/L	2	1	12/30/2020	5	36	2023/12
2050	ATRAZINE	<	0.500	0.000	0.000	UG/L	1	0.5	12/30/2020	5	36	2023/12
2625	BENTAZON	<	2.000	0.000	0.000	UG/L	18	2	12/30/2020	5	36	2023/12

2306	BENZO(A)PYRENE	<	0.100	0.000	0.000	UG/L	0.2	0.1	12/30/2020	5	36	2023/12
2046	CARBOFURAN	<	5.000	0.000	0.000	UG/L	18	5	12/30/2020	5	36	2023/12
2959	CHLORDANE	<	0.100	0.000	0.000	UG/L	0.1	0.1	12/30/2020	5	36	2023/12
2031	DALAPON	<	10.000	0.000	0.000	UG/L	200	10	12/30/2020	5	36	2023/12
2035	DI(2-ETHYLHEXYL) ADIPATE	<	5.000	0.000	0.000	UG/L	400	5	12/30/2020	5	36	2023/12
2039	DI(2-ETHYLHEXYL) PHTHALATE	<	3.000	0.000	0.000	UG/L	4	3	12/30/2020	5	36	2023/12
2931	1,2-DIBROMO-3-CHLOROPROPANE	<	0.000	0.000	0.000	UG/L	0.2	0.01	12/30/2020	6	36	2023/12
2041	DINOSEB	<	2.000	0.000	0.000	UG/L	7	2	12/30/2020	5	36	2023/12
2032	DIQUAT	<	4.000	0.000	0.000	UG/L	20	4	12/30/2020	5	36	2023/12
2033	ENDOTHALL	<	45.000	0.000	0.000	UG/L	100	45	12/30/2020	5	36	2023/12
2005	ENDRIN	<	0.100	0.000	0.000	UG/L	2	0.1	12/30/2020	5	36	2023/12
2946	ETHYLENE DIBROMIDE	<	0.000	0.000	0.000	UG/L	0.05	0.02	12/30/2020	6	36	2023/12
2034	GLYPHOSATE	<	25.000	0.000	0.000	UG/L	700	25	12/30/2020	5	36	2023/12
2065	HEPTACHLOR	<	0.000	0.000	0.000	UG/L	0.01	0.01	12/30/2020	5	36	2023/12
2067	HEPTACHLOR EPOXIDE	<	0.000	0.000	0.000	UG/L	0.01	0.01	12/30/2020	5	36	2023/12
2274	HEXACHLOROBENZENE	<	0.500	0.000	0.000	UG/L	1	0.5	12/30/2020	5	36	2023/12
2042	HEXACHLOROCYCLOPENTADIENE	<	1.000	0.000	0.000	UG/L	50	1	12/30/2020	5	36	2023/12
2010	BHC-GAMMA	<	0.200	0.000	0.000	UG/L	0.2	0.2	12/30/2020	5	36	2023/12
2015	METHOXYCHLOR	<	10.000	0.000	0.000	UG/L	30	10	12/30/2020	5	36	2023/12
2626	MOLINATE	<	2.000	0.000	0.000	UG/L	20	2	12/30/2020	5	36	2023/12
2036	OXAMYL	<	20.000	0.000	0.000	UG/L	50	20	12/30/2020	5	36	2023/12
2326	PENTACHLOROPHENOL	<	0.200	0.000	0.000	UG/L	1	0.2	12/30/2020	5	36	2023/12
2040	PICLORAM	<	1.000	0.000	0.000	UG/L	500	1	12/30/2020	5	36	2023/12
2383	TOTAL POLYCHLORINATED BIPHENYLS (PCB)	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/30/2020	5	36	2023/12
2037	SIMAZINE	<	1.000	0.000	0.000	UG/L	4	1	12/30/2020	5	36	2023/12
2727	THIOBENCARB (BOLERO)	<	1.000	0.000	0.000	UG/L	70	1	12/30/2020	5	36	2023/12
2020	TOXAPHENE	<	1.000	0.000	0.000	UG/L	3	1	12/30/2020	5	36	2023/12

PSCODE	GC	GROUP/ANALYTE	LESS THAN	REPORTING LEVEL	LAST RESULT	COUNTING ERROR (±)	UOM	MCL	DLR	LAST SAMPLE	COUNT OF RESULTS	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
CA3601145_002_002		<b>VICTOR VALLEY WASTEWATER RECLAM</b>					<b>WELL 2</b>								
	<b>IO</b>	<b>INORGANIC</b>													
	1002	ALUMINUM	<	50.000	0.000	0.000	UG/L	1000	50	11/29/2019	5	36		2022/11	
	1074	ANTIMONY, TOTAL	<	6.000	0.000	0.000	UG/L	6	6	11/29/2019	4	36		2022/11	
	1005	ARSENIC		2.000	6.400	0.000	UG/L	10	2	11/29/2019	4	36		2022/11	
	1010	BARIUM	<	100.000	0.000	0.000	UG/L	1000	100	11/29/2019	4	36		2022/11	
	1075	BERYLLIUM, TOTAL	<	1.000	0.000	0.000	UG/L	4	1	11/29/2019	4	36		2022/11	
	1015	CADMIUM	<	1.000	0.000	0.000	UG/L	5	1	11/29/2019	4	36		2022/11	
	1020	CHROMIUM	<	10.000	0.000	0.000	UG/L	50	10	11/29/2019	4	36		2022/11	
	1024	CYANIDE	<	100.000	0.000	0.000	UG/L	150	100	11/29/2019	4	36		2022/11	
	1025	FLUORIDE		0.100	0.450	0.000	MG/L	2	0.1	11/29/2019	4	36		2022/11	
	1035	MERCURY	<	1.000	0.000	0.000	UG/L	2	1	11/29/2019	4	36		2022/11	
	1036	NICKEL	<	10.000	0.000	0.000	UG/L	100	10	11/29/2019	4	36		2022/11	
	1039	PERCHLORATE	<	4.000	0.000	0.000	UG/L	6	4	1/17/2020	6	36		2023/01	
	1045	SELENIUM	<	5.000	0.000	0.000	UG/L	50	5	11/29/2019	4	36		2022/11	
1085	THALLIUM, TOTAL	<	1.000	0.000	0.000	UG/L	2	1	11/29/2019	4	36		2022/11		
<b>NI</b>	<b>NITRATE/NITRITE</b>														
1040	NITRATE		0.200	7.200	0.000	mg/L	10	0.4	10/11/2021	32	12		2022/10		
1041	NITRITE	<	0.400	0.000	0.000	mg/L	1	0.4	12/19/2018	4	36		2021/12	<b>DUE NOW</b>	
<b>RA</b>	<b>RADIOLOGICAL</b>														
4109	GROSS ALPHA PARTICLE ACTIVITY		1.200	2.680	1.140	PCI/L	15	3	11/29/2019	5	108	Interval	2028/11		
<b>S1</b>	<b>REGULATED VOC</b>														
2981	1,1,1-TRICHLOROETHANE	<	0.500	0.000	0.000	UG/L	200	0.5	12/29/2020	4	36		2023/12		
2988	1,1,2,2-TETRACHLOROETHANE	<	0.500	0.000	0.000	UG/L	1	0.5	12/29/2020	4	36		2023/12		
2985	1,1,2-TRICHLOROETHANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/29/2020	4	36		2023/12		
2978	1,1-DICHLOROETHANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/29/2020	4	36		2023/12		
2977	1,1-DICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	6	0.5	12/29/2020	4	36		2023/12		
2378	1,2,4-TRICHLOROBENZENE	<	0.500	0.000	0.000	UG/L	5	0.5	12/29/2020	4	36		2023/12		
2968	O-DICHLOROBENZENE	<	0.500	0.000	0.000	UG/L	600	0.5	12/29/2020	4	36		2023/12		
2980	1,2-DICHLOROETHANE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/29/2020	4	36		2023/12		
2983	1,2-DICHLOROPROPANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/29/2020	4	36		2023/12		
2413	1,3-DICHLOROPROPENE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/29/2020	5	36		2023/12		

2969	P-DICHLOROBENZENE	<	0.500	0.000	0.000	UG/L	5	0.5	12/29/2020	4	36	2023/12
2990	BENZENE	<	0.500	0.000	0.000	UG/L	1	0.5	3/31/2021	6	36	2024/03
2982	CARBON TETRACHLORIDE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/29/2020	4	36	2023/12
2380	CIS-1,2-DICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	6	0.5	12/29/2020	4	36	2023/12
2964	DICHLOROMETHANE	<	0.500	0.000	0.000	UG/L	5	0.5	12/29/2020	4	36	2023/12
2992	ETHYLBENZENE	<	0.500	0.000	0.000	UG/L	300	0.5	3/31/2021	6	36	2024/03
2251	METHYL TERT-BUTYL ETHER	<	3.000	0.000	0.000	UG/L	13	3	12/29/2020	4	36	2023/12
2989	CHLOROBENZENE	<	0.500	0.000	0.000	UG/L	70	0.5	12/29/2020	4	36	2023/12
2996	STYRENE	<	0.500	0.000	0.000	UG/L	100	0.5	12/29/2020	4	36	2023/12
2987	TETRACHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	5	0.5	3/31/2021	6	36	2024/03
2991	TOLUENE	<	0.500	0.000	0.000	UG/L	150	0.5	3/31/2021	6	36	2024/03
2979	TRANS-1,2-DICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	10	0.5	12/29/2020	4	36	2023/12
2984	TRICHLOROETHYLENE	<	0.500	0.000	0.000	UG/L	5	0.5	3/31/2021	6	36	2024/03
2218	TRICHLOROFUOROMETHANE	<	5.000	0.000	0.000	UG/L	150	5	12/29/2020	4	36	2023/12
2904	TRICHLOROTRIFLUOROETHANE	<	10.000	0.000	0.000	UG/L	1200	10	12/29/2020	4	36	2023/12
2976	VINYL CHLORIDE	<	0.500	0.000	0.000	UG/L	0.5	0.5	12/29/2020	4	36	2023/12
2955	XYLENES, TOTAL	<	0.500	0.000	0.000	UG/L	1750	0.5	3/31/2021	6	36	2024/03

**S2 REGULATED SOC**

2414	1,2,3-TRICHLOROPROPANE	<	0.000	0.000	0.000	UG/L	0.005	0.005	11/19/2020	10	36	2023/11
2063	2,3,7,8-TCDD	<	0.000	0.000	0.000	NG/L	0.03	0.005	12/29/2020	5	36	2023/12
2110	2,4,5-TP	<	1.000	0.000	0.000	UG/L	50	1	12/29/2020	4	36	2023/12
2105	2,4-D	<	10.000	0.000	0.000	UG/L	70	10	12/29/2020	4	36	2023/12
2051	LASSO (ALACHLOR)	<	1.000	0.000	0.000	UG/L	2	1	12/29/2020	4	36	2023/12
2050	ATRAZINE	<	0.500	0.000	0.000	UG/L	1	0.5	12/29/2020	4	36	2023/12
2625	BENTAZON	<	2.000	0.000	0.000	UG/L	18	2	12/29/2020	4	36	2023/12
2306	BENZO(A)PYRENE	<	0.100	0.000	0.000	UG/L	0.2	0.1	12/29/2020	4	36	2023/12
2046	CARBOFURAN	<	5.000	0.000	0.000	UG/L	18	5	12/29/2020	4	36	2023/12
2959	CHLORDANE	<	0.100	0.000	0.000	UG/L	0.1	0.1	12/29/2020	4	36	2023/12
2031	DALAPON	<	10.000	0.000	0.000	UG/L	200	10	12/29/2020	4	36	2023/12
2035	DI(2-ETHYLHEXYL) ADIPATE	<	5.000	0.000	0.000	UG/L	400	5	12/29/2020	4	36	2023/12
2039	DI(2-ETHYLHEXYL) PHTHALATE	<	3.000	0.000	0.000	UG/L	4	3	12/29/2020	4	36	2023/12
2931	1,2-DIBROMO-3-CHLOROPROPANE	<	0.000	0.000	0.000	UG/L	0.2	0.01	12/29/2020	5	36	2023/12
2041	DINOSEB	<	2.000	0.000	0.000	UG/L	7	2	12/29/2020	4	36	2023/12

203 2	DIQUAT	<	4.000	0.000	0.000	UG/ L	20	4	12/29/202 0	5	36	2023/12
203 3	ENDOTHALL	<	45.000	0.000	0.000	UG/ L	100	45	12/29/202 0	4	36	2023/12
200 5	ENDRIN	<	0.100	0.000	0.000	UG/ L	2	0.1	12/29/202 0	4	36	2023/12
294 6	ETHYLENE DIBROMIDE	<	0.000	0.000	0.000	UG/ L	0.05	0.02	12/29/202 0	5	36	2023/12
203 4	GLYPHOSATE	<	25.000	0.000	0.000	UG/ L	700	25	12/29/202 0	5	36	2023/12
206 5	HEPTACHLOR	<	0.000	0.000	0.000	UG/ L	0.01	0.01	12/29/202 0	4	36	2023/12
206 7	HEPTACHLOR EPOXIDE	<	0.000	0.000	0.000	UG/ L	0.01	0.01	12/29/202 0	4	36	2023/12
227 4	HEXACHLOROBENZENE	<	0.500	0.000	0.000	UG/ L	1	0.5	12/29/202 0	4	36	2023/12
204 2	HEXACHLOROCYCLOPENTADI ENE	<	1.000	0.000	0.000	UG/ L	50	1	12/29/202 0	4	36	2023/12
201 0	BHC-GAMMA	<	0.200	0.000	0.000	UG/ L	0.2	0.2	12/29/202 0	4	36	2023/12
201 5	METHOXYCHLOR	<	10.000	0.000	0.000	UG/ L	30	10	12/29/202 0	4	36	2023/12
262 6	MOLINATE	<	2.000	0.000	0.000	UG/ L	20	2	12/29/202 0	4	36	2023/12
203 6	OXAMYL	<	20.000	0.000	0.000	UG/ L	50	20	12/29/202 0	4	36	2023/12
232 6	PENTACHLOROPHENOL	<	0.200	0.000	0.000	UG/ L	1	0.2	12/29/202 0	4	36	2023/12
204 0	PICLORAM	<	1.000	0.000	0.000	UG/ L	500	1	12/29/202 0	4	36	2023/12
238 3	TOTAL POLYCHLORINATED BIPHENYLS (PCB)	<	0.500	0.000	0.000	UG/ L	0.5	0.5	12/29/202 0	4	36	2023/12
203 7	SIMAZINE	<	1.000	0.000	0.000	UG/ L	4	1	12/29/202 0	4	36	2023/12
272 7	THIOBENCARB (BOLERO)	<	1.000	0.000	0.000	UG/ L	70	1	12/29/202 0	4	36	2023/12
202 0	TOXAPHENE	<	1.000	0.000	0.000	UG/ L	3	1	12/29/202 0	4	36	2023/12

PSCODE	GC	GROUP/ANALYTE	LESS THAN	REPORTING LEVEL	LAST RESULT	COUNTING ERROR (±)	UOM	MC L	DL R	LAST SAMPLE	COUNT OF RESULTS	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
CA3601145_DST_800		<b>VICTOR VALLEY WASTEWATER RECLAM</b>					<b>DISTRIBUTION SYSTEM</b>								
	<b>DBP</b>	<b>DISINFECTION BYPRODUCTS</b>													
	2943	BROMODICHLOROMETHANE	<	1.000	0.000	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2942	BROMOFORM		1.000	1.100	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2941	CHLOROFORM	<	1.000	0.000	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2454	DIBROMOACETIC ACID	<	1.000	0.000	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2944	DIBROMOCHLOROMETHANE		1.000	1.300	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2451	DICHLOROACETIC ACID	<	1.000	0.000	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2456	TOTAL HALOACETIC ACIDS (HAA5)	<	2.000	0.000	0.000	UG/L	60	----	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2453	MONOBROMOACETIC ACID	<	1.000	0.000	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2450	MONOCHLOROACETIC ACID	<	2.000	0.000	0.000	UG/L	----	2	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2950	TTHM		0.000	3.900	0.000	UG/L	80	----	7/25/2019	1	12		2020/07	<b>DUE NOW</b>
	2452	TRICHLOROACETIC ACID	<	1.000	0.000	0.000	UG/L	----	1	7/25/2019	1	12		2020/07	<b>DUE NOW</b>



# Small Water System Annual Inspection

## General Information

Public Water System Name: Victor Valley Wastewater

System No: 3601145 Public Water System Classification: Nontransient – Noncommunity

Location Address: 20111 Shay Rd. Victorville, CA 92394

Seasonal Operation (Season Dates): N/A

If seasonal, explain: N/A

Inspection Date: 5/15/2020 Report Date: 6/24/2020

Start Time: 12:56 PM End Time: 1:36 PM

Owner: Victor Valley WRA Has there been a change in owner? No

Phone Number: [REDACTED] Email: [REDACTED]

Mailing Address: [REDACTED]

Person (s) Contacted/ Position: Andrew Henriquez Phone #: [REDACTED]

Inspector(s) : Noah Hamm Present at Inspection: Miguel Mendoza

## Introduction

### Permit Information

Any changes to the system that are not in the permit?  Yes  No

## Discussion

- No changes to the water system since the previous Sanitary Survey inspection conducted on 07/24/2018.

## Significant Deficiencies

### Source

Is an unapproved source being used?  Yes  No

Total Number of Active Sources: 2 Total Number of Inactive Sources: 0

Total Number of Standby Sources: 0

Source Name: Well 1 Location (Latitude/Longitude): 34.616677; -117.357973

Source Water Type: Groundwater PS Code: 3601145-001

Deficiency	Yes	No
Are there any openings in the well head?		X
Is the area around the well protected from unauthorized access?	X	
Is the concrete pad cracked or eroding?	X	
Is there an emergency or second well?	X	

Discussion
<ul style="list-style-type: none"> <li>- <b><u>Observed cracks in the concrete pedestal slab. Be sure to fill all cracks to prevent any contamination to the groundwater.</u></b></li> <li>- <b><u>Recommend: The surface seal size for Well 1 is undersized. The slab should extend horizontally at least three feet from the center of the well casing in all directions and be adequately sloped to drain surface water away from the well casing.</u></b></li> </ul>

Source Name: Well 2 Location (Latitude/Longitude): 34.616538; -117.357953

Source Water Type: Groundwater

Deficiency	Yes	No
Are there any openings in the well head?	X	
Is the area around the well protected from unauthorized access?	X	
Is the concrete pad cracked or eroding?		X
Is there an emergency or second well?	X	

Discussion
<ul style="list-style-type: none"> <li>- <b><u>Observed open holes on the electrical box of Well 2. Seal all openings to prevent the entry of insects and other sources of contamination.</u></b></li> </ul>

### Treatment

Does the system have treatment?  Yes  No

Does the system disinfect?  Yes  No

Is continuous or emergency disinfection provided? Continuous

Chemical used: Sodium Hypochlorite Manufacturer: Brenntag Pacific, Inc. What is the Dosage? See below

Is it ANSI/NSF 60 certified?  Yes  No

Is the water sytem in compliance with permit requirements for disinfection?  Yes  No

#### Discussion

- The water is treated by chlorination with an automatic sodium hypochlorite injector at each well head site at the discharge line, after the check valve, and prior to distribution system. The chlorination system uses a NSF 60 certified chlorine. The water system shall continue sending monthly chlorination system reports and quarterly raw (untreated) well water sampling to the DEHS. Water system disinfection reports show chlorine residuals (mg/L) is maintained between 1.0 and 2.0.
- Use only chemicals/products that are certified as meeting the specifications of NSF International/American National Standard Institute (NSF/ANSI) 60-2005. Title 22 California Code of Regulations (CCR) §64590 Direct Additives.

## Distribution

Are there any cross-connections with unapproved sources?  Yes  No

Does the system have any consecutive connections?  Yes  No

Does the system buy water?  Yes  No

Does the system sell water?  Yes  No

How many backflow devices are there? 4

Are all backflow devices tested annually to comply with Title 17, CCR, Section 7584?  Yes  No  TBD

#### Discussion

- The water supplier shall submit their most recent backflow certifications to EHS. Backflow preventers shall be tested at least annually or more frequently if determined to be necessary by the health agency or water supplier. When devices are found to be defective, they shall be repaired or replaced.

## Storage

Facility Name: Hydropneumatic Tank Storage Type: Pressure

Storage Capacity: 1,000 Gallons Location (Latitude/Longitude) 34.616520; -117.357926

Deficiency	Yes	No
Are there any openings in the tank that could lead to contamination?		X
Are there any holes in the tank?		X
Is the tank protected from unauthorized access?	X	
Is the area around the tank(s) protected from unauthorized access?	X	

### Discussion

- **It is recommended that the hydropneumatic tank be inspected every five years by an engineer with knowledge in the American Society of Mechanical Engineer (ASME) codes.**

## Pumps

Source Name: Well 1 Source Pump Capacity: 90 gallons per minute (gpm)

Source Name: Well 2 Source Pump Capacity: 90 gallons per minute (gpm)

Are all pumps in good working order?  Yes  No

Are all pumps protected from unauthorized access?  Yes  No

### Discussion

- **There are no booster pump facilities in the water system.**
- **The source pump capacities listed above are from the 2019 Sanitary Survey. Recent pump tests for both wells could not be located. Send reports to EHS to update the water system file.**

## Monitoring & Reporting

### Bacteriological

Any violations in the past year?  Yes  No

Any fecal (E. coli) positives in the past year?  Yes  No

### Chemical

Is all source monitoring and reporting in compliance?  Yes  No

Does the system comply with all MCLs?  Yes  No

#### Discussion

- The monitoring schedule has been updated. The water system must sample all constituents labeled as "DUE NOW" on their monitoring schedule. Monitoring schedule is available online at <https://sdwis.waterboards.ca.gov/PDWW/>.
- Lead and Copper tap sampling from the distribution is due this summer, 2020 (June – September).

## Management & Operations

Can the source provide Maximum Day Demand?  Yes  No

Does storage meet Maximum Day Demand?  Yes  No

Are maintenance records maintained?  Yes  No

Are operation records maintained?  Yes  No

#### Discussion

- The maximum day demand is 17,251 gallons. The maximum day demand information was obtained from the 2018 Annual Report (eAR).
- Pursuant to Title 22, CCR, Section 64554(a)(2), at all times, a public water system's water source(s) shall have the capacity to meet the system's maximum day demand (MDD). MDD shall be determined pursuant to subsection (b). For systems with less than 1,000 service connections, the system shall have storage capacity equal to or greater than MDD, unless the system can demonstrate that it has an additional source of supply or has an emergency source connection that can meet the MDD requirement. According to the 2018 Electronic Annual Report, the maximum day recorded produced 17,251 gallons. The water system shall plan and budget on increasing the system's water storage capacity to that can meet the MDD requirement.

## Operator Certification

	Distribution
Certification Requirement:	D1
Operator Name:	Miguel Mendoza
Certification Grade:	D2
OP #:	36479
Expiration Date:	8/1/2021
Are requirements met?	Yes

Water system appears to be in good condition.

### Overall System Appraisal

Continue analyzing the water per water quality monitoring schedule. Ensure total coliform bacteria, lead and copper, TTHM & HAA5 are analyzed from within the distribution system and all other chemical constituents are analyzed from the water well source.

Continue sending monthly report of treatment operations that includes the summary of the distribution system coliform monitoring, chlorination records, chlorine residual levels, and treatment maintenance by the 10th day of the following month to sbcwater123@gmail.com.

The Electronic Annual Report (eAR) is due on an annual basis by April 1st online at the DRINC Portal, which may be found at: <http://drinc.ca.gov/ear/> The DDW has extended the 2019 eAR due date to September 1, 2020. The 2018 eAR was completed and submitted by the Victor Valley Wastewater.

The Consumer Confidence Report (CCR) is due on an annual basis by July 1st; please submit a true and correct CCR to your consumers on an annual basis by July 1<sup>st</sup>.

[http://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/CCR.shtml](http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml) The CCR Certification Form is due by October 1st and is submitted to DEHS following the distribution of the CCR. The 2018 CCR was completed and submitted by the Victor Valley Wastewater.

Submit all requested documentation to: Noah Hamm at [Noah.Hamm@dph.sbcounty.gov](mailto:Noah.Hamm@dph.sbcounty.gov).

Source: DISTRIBUTION SYSTEM				
CONSTITUENT	LAST ANALYSIS	NEXT ANALYSIS DUE	FREQUENCY	RESULT
Total coliform bacteria	06/18/2020	July, 2020	Monthly	Absent
Lead	08/16/2017	Summer, 2020	Every 3 years	0 (mg/L)
Copper	08/16/2017	Summer, 2020	Every 3 years	0.059 (mg/L)
REPORT	NEXT DUE DATE			
Electronic Annual Report	09/01/2020			
Consumer Confidence Report (CCR)	07/01/2020			
CCR Certification Form	10/01/2020			

Inspector Signature: \_\_\_\_\_



Date: 06/26/2020

# Small Water System Deficiency List

**System Name: VVWRA**

**PWS#: 3601145**

**Inspection Date: 6/30/2020**

Significant Deficiencies				
Category	Deficiency	Observations/ Corrective Actions	Compliance Date	Correction Date
Groundwater Source Protection	Concrete base/well slab constructed properly - 33.0638 (a)1	Observed some cracking in the concrete pedestal slab. Fill all cracks to prevent contamination to the groundwater well.	8/31/2020	
Groundwater Source Protection	Well access openings sealed - Section 10(A)4	Observed open holes on the electrical box of Well 2. Seal all openings to prevent the entry of insects and other sources of contamination.	8/31/2020	
Public Notification	Emergency Notification Plan - §1164602	An outdated Emergency Notification Form (ENF) is on file with EHS. Complete and forward a new form to EHS. Template has been emailed with this report.	8/31/2020	
Cross Connection Control	Testing Backflow Prevention Devices - §76053	The water supplier shall submit their most recent backflow certifications to EHS. Backflow preventers shall be tested at least annually or more frequently if determined to be necessary by the health agency or water supplier. When devices are found to be defective, they shall be repaired or replaced.	8/31/2020	

Cross Connection Control	Cross Connection Control Program	<p>Observed no cross-connection control program. The system shall have a cross connection control program that includes:</p> <p>a) The adoption of operating rules or ordinances to implement the cross-connection program. (b) The conducting of surveys to identify water user premises where cross-connections are likely to occur, (c) The provisions of backflow protection by the water user at the user's connection or within the user's premises or both, (d) The provision of at least one person trained in cross-connection control to carry out the cross-connection program, (e) The establishment of a procedure or system for testing backflow preventers, and (f) The maintenance of records of locations, tests, <i>Title 17, California Code of Regulations (CCR) §7584. Responsibility and scope of program.</i></p>	12/31/2020	
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Operating Criteria	Operation and Maintenance Plan	<p>Observed no Operations and Maintenance Plan. Include: (1) An Emergency Chlorination Plan (2) The operations and maintenance schedule for each groundwater source and unit process;(3) The schedule and procedure for flushing dead end mains, and the procedures for disposal of the flushed water including dechlorination; (4) The schedule for routine inspection of reservoirs, and the procedures for cleaning reservoirs; (5) The schedule and procedures for inspecting, repairing, and replacing water mains; (6) The plan and procedures for responding to water supply emergencies; (7) The plan and procedures for responding to consumer complaints; (8) The schedule and procedures for testing backflow prevention assemblies; (9) The schedule and procedures for routine exercising of water main valves; (10) The schedule and program for maintenance and calibration of source flow meters and other online instruments used to determine the quality or quantity of water; (11) The qualifications and training of operating personnel; (12) The program for control of biological organisms on the interior walls of water mains. <i>Title 22 California Code of Regulations (CCR) § 64600. Water System Operations and Maintenance Plan.</i></p>	12/31/2020	
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**This report includes legally enforceable compliance dates. Please complete all corrective actions by the assigned compliance date. Record the date that each deficiency was corrected under the column labeled "Date Corrected". Submit a copy with dates that the work was completed to this office as each deficiency is corrected. Please attach photo proof of deficiency corrections to each submission. All requested documentation and proof of correction shall be submitted to this Department for review by the assigned Compliance Due Date.**



## WATER SYSTEMS - OFFICIAL INSPECTION REPORT

FACILITY NAME VICTOR VALLEY WASTEWATER RECLAM				REINSPECTION DATE Next Routine	INSPECTOR Casey Salazar	DATE 7/26/2017
LOCATION 20111 SHAY RD, VICTORVILLE, CA 92394				PERMIT EXPIRATION 7/31/2018	IDENTIFIER: None	
TIME IN 8:04 AM	TIME OUT 9:57 AM	FACILITY ID FA0011992	RELATED ID 3601145	PE 4634	SERVICE: 001 - INSPECTION - ROUTINE RESULT: 03 - CORRECTIVE ACTION / NO FOLLOW UP RE ACTION: 01 - NO FURTHER ACTION REQUIRED	

### WATER SYSTEMS - Nontransient-noncommunity Sys - Ground Water

Based on an inspection this day, the items marked below identify the violation(s) in operation or facilities which must be corrected. Failure to correct listed violation(s) prior to the designated compliance date may necessitate an additional inspection to be billed at the hourly rate as provided in the San Bernardino County Code, [Schedule of Fees](#).

Administrative Order to Show Cause (OSC): The Permittee has the right to a hearing if requested in writing within 15 calendar days of receipt of this notice, to show cause why the permit to operate should not be suspended or revoked; otherwise the right to a hearing shall be deemed waived.

See the following pages for the code sections and general requirements that correspond to each violation listed below.

#### Introduction

This water system meets the classification of a non-transient non-community water system. The system serves a wastewater treatment plant with approximately 50 employees. The system consists of two vertical wells and a 1,000 gallon pressure tank. The wells are located within 50 feet of each other. Victor Valley Waste Water Reclamation Plant provides bottled water for consumption. System has two D2 operators on site.

#### Sources

The sources of supply are 2 vertical wells. Both wells were constructed in 1977 and drilled to a depth of 160 feet with 50 foot sanitary seals. The well drillers' reports are on file with EHS. Both wells are equipped with flow meters and sample taps.

#### DWSAP

Drinking Water Source Assessment and Protection Program (DWSAP) reports have been completed for both wells and are on file with EHS.

#### Treatment

The water is treated with sodium hypochlorite. Chlorine used is NSF 60 certified. Chlorine is injected after check valve at wells. Continue sending monthly chlorination system reports to DEHS. Continue sampling raw (untreated) well water each quarter; label quarterly samples as "Special".

#### Storage Data

The water system has a 1,000 hydro-pneumatic tank.

#### WQ Monitoring

The system adheres to the sampling requirements for a non-transient non-community water system set forth by Title 22.

#### Emergency Plan

An Emergency Response Plan and Emergency Notification plan is on file with EHS, however must be updated.

### 46K980 Inspection - Eight (8) Elements

Compliance Date: Not Specified

Not In Compliance

Reference -

**Inspector Comments:** See report for deficiencies observed during sanitary survey. All deficiencies must be addressed by due dates listed (if applicable). Contact DEHS if an extension is needed.

Failure to comply may result in a charged citation. Citation will be billed at the department's hourly rate of \$245/hr.

**Description:** All eight sanitary elements which include the source, treatment, distribution system, finished water storage, pump; their facilities and controls, system management and operation, operator certification, cross connection controls, and the system's monitoring, reporting, and data verification were surveyed during this inspection.



## WATER SYSTEMS - OFFICIAL INSPECTION REPORT

FACILITY NAME VICTOR VALLEY WASTEWATER RECLAM	DATE 7/26/2017
LOCATION 20111 SHAY RD, VICTORVILLE, CA 92394	INSPECTOR Casey Salazar

### 46W638 Monitoring, Reporting and Data Verification - TCR MCL



Compliance Date: Not Specified  
Not In Compliance  
Violation Reference - CCR 22 - 64426.1

**Inspector Comments:** System has violated the Total Coliform Maximum Contaminant Level (TC MCL) for the month of July 2017. On July 6, 2017 a positive total coliform sample was reported. On July 20, 2017 one of four repeat samples tested positive for total coliform.

An uncharged citation will be issued with additional information and corrective actions needed.

**Violation Description:** The water system shall not exceed the MCL for coliform bacteria. Conduct corrective actions required to eliminate the coliform contamination.

### 46K001 Certification - Backflow

Compliance Date: Not Specified  
Complied on 8/8/2017  
Reference - HSC

**Inspector Comments:** Submit a copy of the 2016 backflow certification by September 10, 2017.

System has submitted certification on 8/8/2017.

**Description:** Backflow devices shall be tested annually and after any service by a certified tester.

### 46K026 Operations - Emergency

Comply by: 9/30/2017  
Not In Compliance  
Reference - HSC

**Inspector Comments:** Revise and submit Emergency Response Plan (ERP) and Emergency Notification plan (ENP) by September 30, 2017.  
ENP may be included in ERP

**Description:** Submit Emergency Notification/Information form.

### 46W620 Monitoring, Reporting and Data Verification - Lead and Copper Distribution

Comply by: 9/30/2017  
Not In Compliance  
Reference - CCR 22 - 64675

**Inspector Comments:** System incorrectly sampled lead and copper in 2016. Samples were taken from wells and not distribution. Sample for Lead and Copper in the distribution system by September 30, 2017.  
A Tier 3 public notice will be issued in the 2016 Consumer Confidence Report (CCR) that has been reviewed and approved on 8/10/2017.

**Description:** Water system shall analyze the water for lead and copper within the distribution system every three years during the summer months

### 46W802 Operator Compliance with State Requirements - Bacteriological Sample Siting Plan

Compliance Date: Not Specified  
Not In Compliance  
Reference - CCR 22 - 64422

**Inspector Comments:** Discontinue sampling monthly routine bacteria at well, begin sampling from distribution. Sample per approved bacteriological sample siting plan.

**Description:** The water system shall have a current Bacteriological Sample Siting Plan (BSSP) on file with DEHS.

### Overall Inspection Comments

Sampling schedule will be sent via email, separately from this report.

Take 5 routine samples in the distribution in the month of August instead of one.

2016 Consumer confidence report has been approved. Submit CCR certification form by October 1, 2017.

2016 EAR has been reviewed and approved.

Total # of Images: 0



**Public Health  
Environmental Health Services**

**Trudy Raymundo**  
Director

**Corwin Porter**  
Assistant Director

**Maxwell Ohikhuare, M.D.**  
Health Officer

**SMALL PUBLIC WATER SYSTEMS – OFFICIAL INSPECTION REPORT**

<b>WATER SYSTEM ID NUMBER</b> 3601145		<b>INSPECTION DATE</b> 07/24/2018		<b>SYSTEM CLASSIFICATION</b> NTNC		<b>SYSTEM INFORMATION</b>	
<b>Source Classification</b> <input type="radio"/> Surface Water <input type="radio"/> Ground Water (w/ Treatment) <input checked="" type="radio"/> Ground Water (w/ Chlorination) <input type="radio"/> Ground Water (No Treatment)		Time In: 09:30 AM Time Out: 10:38 AM		<b>Inspection Time</b> 68 minutes		<ul style="list-style-type: none"> <li>• ENF Date: 2018</li> <li>• ENP Date: 2015</li> <li>• BSSP: 2015</li> <li>• DBPR Plan: Required 2015</li> <li>• Ongoing Violation: No</li> </ul> <input checked="" type="checkbox"/> <b>Sampling Schedule Included</b>	
<b>Water System Name</b> Victor Valley Wastewater			<b>Name of Certified Operator</b> Miguel Mendoza		<b>Grade</b> D2		
<b>Site Address</b> 20111 Shay Rd., Victorville CA			<b>Name of Owner</b> Victor Valley Wastewater Reclamation Authority				
<b>Inspector</b> Ivy Saguan			<b>Also Present (Name)</b> Eugene Davis, Miguel Mendoza				

**VIOLATION REPORT:** The small water system inspection was conducted to determine compliance with the San Bernardino County Code (CC)<sup>1</sup>, California Health and Safety Code (H&SC)<sup>2</sup>; Titles 17 and 22 of the California Code of Regulations (CCR)<sup>3</sup>; and California Well Standards (DWR Bulletins 74-81 and 74-90)<sup>4</sup>. The items checked below are **NOT** in compliance with stated sections of the H&SC, CCR, DWR Bulletins 74-81 and 74-90, and/or Local Ordinances and require immediate corrections.

<p><b>PERMITS</b></p> <input type="checkbox"/> Health Permit - §33.0613 <sup>1</sup> <input type="checkbox"/> Public Water System Permit - §116525(a) <sup>2</sup> <input type="checkbox"/> Technical Report - §116530 <sup>2</sup> <input type="checkbox"/> Source Water Assessment - §64560 <sup>3</sup> <input type="checkbox"/> Change of Ownership - §116525(a) <sup>2</sup> <input type="checkbox"/> Permit Amendment - §116550(a), §64556 <sup>2</sup>	<p><b>WATER QUALITY MONITORING</b></p> <input type="checkbox"/> Bacteriological Standards - §64421 <sup>3</sup> , §64426.1 <sup>3</sup> <input type="checkbox"/> Bacteriological Monitoring - §64423 <sup>3</sup> , §64424 <sup>3</sup> <input type="checkbox"/> Inorganic Chemical Standards - §64431 <sup>3</sup> <input type="checkbox"/> Inorganic Chemical Monitoring - §64432 <sup>3</sup> <input type="checkbox"/> Organic Chemical Standards - §64444 <sup>3</sup> <input type="checkbox"/> Volatile Organic Compound Monitoring - §64445.1(a) <sup>3</sup> <input type="checkbox"/> Synthetic Organic Chemical Monitoring - §64445.1(b) <sup>3</sup> <input type="checkbox"/> Nitrate/Nitrite Standards - §64432.1 <sup>3</sup>
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**OPERATING CRITERIA**

- Operator Certification - §106885<sup>2</sup>
- Operational Requirements - §116555<sup>2</sup>
- Standby Sources - §64414<sup>3</sup>
- Source Capacity - §64554(a)<sup>3</sup>
- Source Flow Meter - §64561<sup>3</sup>
- Operation and Maintenance Plan - §64600<sup>3</sup>

**RECORDS/REPORTING**

- Routine Sample Siting Plan - §64422<sup>3</sup>
- Bacteriological Reporting - §64423.1(c)<sup>3</sup>
- Analytical / EDT Reporting - §64469<sup>3</sup>
- Record Maintenance - §64470<sup>3</sup>
- Disinfection Residual/By-Product Monitoring Plan - §64534.8<sup>3</sup>
- Surface Water Treatment Records - §64662<sup>3</sup>
- LPA Notification - §64663<sup>3</sup>
- Surface Water Monthly Report - §64664<sup>3</sup>
- Groundwater/Treatment Monthly Report - §64664<sup>3</sup>
- Electronic Annual Report - §116530<sup>2</sup>
- Source Water Production - §64561(b)<sup>3</sup>

**PUBLIC NOTIFICATION**

- Public Notification §116450<sup>2</sup>, §64463<sup>3</sup>, §64666<sup>3</sup>
- Emergency Notification Plan - §116460<sup>2</sup>
- Consumer Confidence Report - §116470<sup>2</sup>, §64480<sup>3</sup>-§64483<sup>3</sup>

**SURFACE WATER SOURCE PROTECTION**

- Intake vulnerable to contamination
- Intake pipe screened or otherwise protected from debris
- Area clear of brush, debris, waste, vectors
- Standby source available

**GROUNDWATER SOURCE PROTECTION**

- Enclosure of well and appurtenances - §64560(a)(2)<sup>3</sup>, Section 10(C)<sup>4</sup>
- Well/well casing with cover or lock - Section 10(A)<sup>4</sup>
- Well cap watertight - Section 10(A)<sup>4</sup>
- Well access openings sealed - Section 10(A)<sup>4</sup>
- Well marked for identification
- Concrete base/well slab constructed properly - 33.0638 (a)<sup>1</sup>
- Check valve installed at well head
- Backflow prevention protection - §7584<sup>3</sup>
- Area clear of brush, debris, waste, rodent activity
- Well vulnerable to possible contaminating activity
- Insufficient well protection zone - §64560(a)(2)<sup>3</sup>, Section 10(C)<sup>4</sup>
- Well construction - §64560(c)<sup>3</sup>
- Well destruction - §64560.5<sup>3</sup>
- Groundwater Rule - §64430<sup>3</sup>, §141.400<sup>3</sup>

- Radionuclide Standards - §64442<sup>3</sup>, §64443<sup>3</sup>
- Secondary MCL Standards - §64449<sup>3</sup>
- Disinfection Residuals/By-Product Rule - §64530<sup>3</sup>
- Lead and Copper Rule - §64675<sup>3</sup>

**SURFACE WATER TREATMENT**

- Surface Water Treatment Rule - §64652<sup>3</sup>
- Filtration - §64653<sup>3</sup>
- Disinfection Treatment - §64654<sup>3</sup>
- Source Water Monitoring - §64655<sup>3</sup>
- Turbidity Monitoring - §64655<sup>3</sup>
- Disinfection Monitoring and Contact Time - §64656<sup>3</sup>
- LT2 ESWTR Monitoring - 40 CFR §141.70
- Surface Water Operations Plan - §64661<sup>3</sup>

**TREATMENT SYSTEM**

- Additives (NSF 60/61 Approval) - §64590<sup>3</sup>-§64591<sup>3</sup>
- Chlorinator Functioning - §64650(b)<sup>3</sup>
- Filter Functioning - §64650(b)<sup>3</sup>
- Treatment System Maintenance - §64600<sup>3</sup>
- Sampling of Treated Water Sources - §64432.8<sup>3</sup>

**RESERVOIR/STORAGE**

- Storage Capacity - §64554(a)(2)<sup>3</sup>
- Reservoir Coating/Lining - §64585(a)(1)<sup>3</sup>
- Contaminant Exclusion - §64585(a)(2)<sup>3</sup>
- Sampling Tap - §64585(a)(3)<sup>3</sup>
- Reservoir Design and Construction - §64585(b)<sup>3</sup>
- Area clear of brush and debris

**DISTRIBUTION SYSTEM**

- Distribution System Layout - §64604<sup>3</sup>
- Minimum Pressure - §64602<sup>3</sup>
- Water Mains and Valves - §64570<sup>3</sup>-§64578<sup>3</sup>
- Flushing Pipelines - §64575<sup>3</sup>
- Equipment Maintenance (pumps, pipes, valves)

**CROSS CONNECTION CONTROL**

- Cross Connection Control Program - §7584<sup>3</sup>
- Adequate Protection Maintained - §7604<sup>3</sup>
- Testing Backflow Prevention Devices - §7605<sup>3</sup>
- Maintenance of Records - §7605<sup>3</sup>

**OTHER**

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- \_\_\_\_\_
- \_\_\_\_\_

Victor Valley  
NAME of WATER SYSTEM: Wastewater DATE: 07/24/2018 SYSTEM No. 3601145

**OBSERVATIONS/VIOLATION REPORT:** The following observations were noted during the inspection of the drinking water system. Additional detail on each of the identified violations of the California Code of Regulations, California Health and Safety Code, and California Well Standards are provided below.

**DEFICIENCIES IDENTIFIED AND CORRECTIVE ACTIONS REQUIRED FOR Victor Valley Wastewater:**

There are no violations observed at the time of the survey/ inspection.

**SANITARY SURVEY ELEMENTS:** All eight sanitary elements which include the following applicable components: the source, treatment, distribution system, finished water storage, pumps, pump facilities, and controls, the system's monitoring, reporting, and data verification; the system's management and operation; and operator compliance with State requirements were surveyed during this inspection pursuant to Title 22, CCR, Section 141.401(c).

**INTRODUCTION**

Victor Valley Wastewater (hereinafter "Water System") is classified as a Non-Transient Non-Community water system as defined by the California Health and Safety Code Section 116275 (j). The water system serves a wastewater treatment plant with approximately 50 employees. Victor Valley Wastewater provides bottled water for employee's consumption.

The 2019 Sanitary Survey was conducted with Eugene Davis, Operations and Maintenance Manager; and Miguel Mendoza D2, distribution operator.

**SOURCE(S)**

The sources of supply are two vertical wells. Well 1 (Permit # 09207701-1) and Well 2 (Permit # 09207702) were both drilled in 1977 to a finished depth of 160-feet. The wells are located within 50 feet of each other. Both wells are surface sealed with a 50-foot sanitary seals. Both well heads are 18 inches above the finished grade, equipped with down-turned, non-threaded sample taps, check valves, and functioning flowmeters. Each well is equipped with submersible pumps with 90 gallons per minute (gpm) capacity. Water productions are recorded monthly at a minimum and records are maintained on site.

Both wells data reports, permits, and driller's completion reports are on file with the Department of Environmental Health Services (DEHS).

Each well site is adequately secured to protect from tampering, vandalism, or other threats.

A Drinking Water Source Assessment and Protection (DWSAP) Program was completed in 2002 for both wells. Both sources were considered to be mostly vulnerable to the following activities not associated with any detected contaminants: Lagoons/ liquid wastes and sewer collection systems in close proximity.

**TREATMENT**

The water is treated by chlorination with an automatic sodium hypochlorite injector at each well head site at the discharge line, after the check valve, and prior to distribution system. The chlorination system uses a NSF 60 certified chlorine. The water system shall continue sending monthly chlorination system reports and quarterly raw (untreated) well water sampling to the DEHS.

All chemicals and products added to drinking water by the supplier shall meet the specifications of the National Sanitation Foundation International/American National Standard Institute (NSF/ANSI) 60 pursuant to Title 22, CCR, Section 64590.

### **DISTRIBUTION SYSTEM**

Both wells pump water into the 1,000-gallons hydro-pneumatic tank and then feed into the distribution system which is 1 service connection, the wastewater treatment plant. The hydro-pneumatic tank serves as a domestic water storage and provides pressure to the distribution system.

Distribution pressure is maintained at 50-80 pounds per square inch (psi). At the time of inspection, the pressure gauge reads at 86 psi.

The Distribution system piping consist of 4 inch steel.

There are four Reduced Pressure Principle Assembly backflow prevention devices installed in the distribution system. Backflow prevention devices are certified annually. Last annual backflow prevention device certification was conducted on May 30, 2018 and reports are on file with the DEHS.

### **FINISHED WATER STORAGE**

The water system has a 1,000 gallons hydro-pneumatic tank as a water storage tank. The hydro-pneumatic tank appears to be in good condition.

Storage tank is located in a secured and locked pump room.

The hydro-pneumatic tank shall be inspected a minimum of every five years by an engineer with knowledge in the American Society of Mechanical Engineer (ASME) codes.

Pursuant to Title 22, CCR, Section 64554(a)(2), at all times, a public water system's water source(s) shall have the capacity to meet the system's maximum day demand (MDD). MDD shall be determined pursuant to subsection (b). For systems with less than 1,000 service connections, the system shall have storage capacity equal to or greater than MDD, unless the system can demonstrate that it has an additional source of supply or has an emergency source connection that can meet the MDD requirement. According to the 2017 Electronic Annual Report, the maximum day recorded produced 38,433 gallons. The water system shall plan and budget on increasing the system's water storage capacity to that can meet the MDD requirement.

Each distribution reservoir shall meet Title 22, CCR, Section 64585 requirements.

Installation of a new distribution reservoir or rehabilitation of an existing reservoir shall meet Title 22, CCR, Section 64585 standards including, but not limited to: at least one sampling tap shall be available to enable representative sampling of the water in the reservoir that will be entering the distribution system, constructed in accordance with American Water Works Association (AWWA) standards, equipped with an overflow device that is screened, extended, not connected directly to a sewer or storm drain, and free of cross connections. Protective materials (coatings, linings, liners), pipes and related products (pipes, tanks, fittings) in contact with drinking water shall meet the specifications of NSF/ANSI 61 as required by Title 22, CCR, Section 64591. Additionally, pursuant to Title 22, CCR, Section 64582, a newly-installed distribution reservoir or distribution reservoir that has been taken out of service for repair or inspection shall be disinfected and sampled for bacteriological quality in accordance with the AWWA C652-02. If the results of the bacteriological sampling are positive for coliform bacteria, the reservoir shall be resampled for bacteriological quality and the test results shall be submitted to the State Board for review and approval before the reservoir is placed into service.

### **PUMPS, PUMP FACILITIES, AND CONTROLS**

There are no booster pump facilities in the water system.

The water system has a power generator available at the event of any power disruption.

**MONITORING, REPORTING, AND DATA VERIFICATION**

Victor Valley Wastewater has submitted water analysis results for general mineral and general physical constituents, inorganic chemicals, VOCs, SOCs, radiological constituents, Lead and Copper, Perchlorate, TTHM/HAA5, and bacteria. The water system adheres to the sampling requirements for a Non-transient Non-community water system set forth by Title 22.

The Water System shall maintain all water quality monitoring records for at least ten years and provide the reports to the State Water Board when requested pursuant to Title 22, CCR, Section 64420.7.

Instruct an Environmental Laboratory Accreditation Program (ELAP)-certified laboratory to upload all chemical data via electronic data transfer (EDT) using the following primary station (PS) codes:

<b>Primary Source Code – To Be Reported by Laboratory to SWRCB</b>	
<b>SOURCE NAME</b>	<b>PRIMARY SOURCE CODE (PS CODE)</b>
Well 1	3601145-001
Well 2	3601145-002

**SYSTEM MANAGEMENT AND OPERATION**

The water system is closely monitored and professionally maintained daily. Eugene Davis, the operations and maintenance manager is responsible for all administrative duties for the water system. Water system files and records are maintained on site.

An Emergency Notification Plan (2015) and updated Emergency Notification Form (2018) are on file with the DEHS.

A Bacteriological Sample Siting Plan (2015) is on file.

**OPERATOR COMPLIANCE WITH STATE REQUIREMENTS**

The water system is operated by state certified distribution operator Miguel Mendoza, D2. The system also assigned personnel that are responsible for daily site visits and maintenance.

The water system is classified as a D1 distribution system; a chief distribution operator with a certification grade of at least Distribution grade D1 or higher is to be responsible for all operations of the water system. The water system is permitted to use hypo-chlorination facilities for all active wells provided that the treatment operations are under the responsibility of a water treatment operator having a valid Grade D1 or higher operator certification.

The water system is in compliance as to operator requirements.  
A copy of the distribution operator state certificate is on file with the DEHS.

**APPRAISAL**

NAME of WATER SYSTEM: Victor Valley Wastewater DATE: 07/24/2018 SYSTEM No. 3601145

The system appears to be in good condition and is well maintained.

**OBSERVATIONS/VIOLATION REPORT Continued:**

**ON-GOING**

Continue analyzing the water per water quality monitoring schedule. Ensure total coliform bacteria, lead and copper, TTHM & HAA5 are analyzed from within the distribution system and all other chemical constituents are analyzed from the water well source. Water quality monitoring schedule was given to Eugene Davis, the operations and maintenance manager of the water system at the time of inspection.

An SOC/VOC waiver was issued to the water system last April 10, 2017.

Continue sending monthly report of treatment operations that includes the summary of the distribution system coliform monitoring, chlorination records, chlorine residual levels, and treatment maintenance by the 10<sup>th</sup> day of the following month to [sbcwater123@gmail.com](mailto:sbcwater123@gmail.com).

The State Water Resources Water Control Board (SWRCB) established a maximum contaminant level (MCL) for 1,2,3-Trichloropropane (1,2,3-TCP) on December 14, 2017. Title 22, California Code of Regulations, Section 64445 (b) requires all community and non-transient non-community water systems to initiate quarterly monitoring for a year when an MCL is established for a new organic chemical. Beginning in January 2018, initiate quarterly sampling for 1,2,3-TCP. Initial sample(s) must be taken from all individual source(s) by March 31, 2018.

The Electronic Annual Report (eAR) is due on an annual basis by April 1st online at the DRINC Portal, which may be found at: <http://drinc.ca.gov/ear/>

The DDW has extended the 2017 eAR due date to June 1, 2018.

The 2017 eAR was completed and submitted by the Victor Valley Wastewater.

The Consumer Confidence Report (CCR) is due on an annual basis by July 1st; please submit the CCR to DEHS by June 1st for review. A template and instructions for the CCR may be found at:

[http://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/CCR.shtml](http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

The CCR Certification Form is due by October 1st and is submitted to DEHS following the distribution of the CCR.

The 2017 CCR was completed and submitted by the Victor Valley Wastewater.

FAILURE TO COMPLY WITH THE ESTABLISHED DEADLINES WILL RESULT IN A CITATION WITH FINANCIAL PENALTY AT DEHS'S CURRENT RATE OF \$244.80 PER HOUR FOR TIME SPENT ON THE ISSUANCE OF AN ENFORCEMENT ACTION.

**Submit all requested documentation to:** Ivy Saguan at [Ivy.Saguan@dph.sbcounty.gov](mailto:Ivy.Saguan@dph.sbcounty.gov).



Ivy Saguan, REHS  
Registered Environmental Health Specialist  
Land Use Protection Program

08/01/2018

Date

Victor Valley  
 NAME of WATER SYSTEM: Wastewater DATE: 07/24/2018 SYSTEM No. 3601145

The following chart(s) detail required water quality monitoring. If analyses have been completed and are not recorded below, please submit a copy to the attention of Ivy Saguan at the address listed on the cover of this inspection report or email at [Ivy.Saguan@dph.sbcounty.gov](mailto:Ivy.Saguan@dph.sbcounty.gov).

Please ensure that required tests are complete for all constituents that make up the panel.

AL = Action Level; HAA5 = Haloacetic Acids; ND = Not Detected; MCL = Maximum Contaminant Level; mg/L = milligrams per liter; ug/L = micrograms per liter; pCi/L = picocuries per liter; SOCs = Synthetic Organic Chemicals; TTHMs = Total Trihalomethanes; VOCs = Volatile Organic Compounds.

Source: DISTRIBUTION SYSTEM				
CONSTITUENT	LAST ANALYSIS	NEXT ANALYSIS DUE	FREQUENCY	RESULT
Total coliform bacteria	07/19/2018	August 2018	Monthly	Absent
Lead	08/16/2017	Summer 2020	Every 3 years	0.16
Copper	08/16/2017	Summer 2020	Every 3 years	0.0545
Disinfection by-products: TTHMs and HAA5s [chlorination]	2017	Summer 2018	Annually during the Summer months (June to September)	In Compliance

Source: Treatment System				
CONSTITUENT	LAST ANALYSIS	NEXT ANALYSIS DUE	FREQUENCY	RESULT
Operation report/ chlorine residual Log	July 2018	August 2018	Monthly	In compliance

Source: GROUNDWATER – WELL 1 (ACTIVE) – PS Code: 3601145-001 WELL 2 (ACTIVE) – PS Code: 3601145-002				
CONSTITUENT	LAST ANALYSIS	NEXT ANALYSIS DUE	FREQUENCY	RESULT
Secondary Standards	2016	N/A	Once	In compliance
Inorganic Chemicals	2016	2019	Every three years	In compliance
Perchlorate	2016	2019	Every three years during May through September	ND
Nitrate as nitrogen (NO <sub>3</sub> -N)	Jan 2018 & Apr 2018	3 <sup>rd</sup> & 4 <sup>th</sup> quarters of 2018	Quarterly	In compliance
Nitrite as nitrogen (NO <sub>2</sub> -N)	2016	2019	Every three years	In compliance
VOCs*	2016	2022	Every 6 years with an approved waiver	In compliance
SOCs*	2016	2019 for EDB & DBCP	Every three years = EDB and DBCP only	In compliance
Gross alpha	2016	2025	Every 9 years [Title 22, CCR, Section 64442]	In compliance
Uranium [if triggered by > 5 pCi/L GA]	2016	N/A	Every 9 years [Title 22, CCR, Section 64442]	In compliance

Victor Valley  
 NAME of WATER SYSTEM: Wastewater      DATE: 07/24/2018      SYSTEM No. 3601145

1,2,3-TCP	Mar 2018 & April 2018	3 <sup>rd</sup> & 4 <sup>th</sup> quarters of 2018	Initial monitoring: quarterly for one year	In compliance
-----------	-----------------------	----------------------------------------------------	--------------------------------------------	---------------

\*An SOC/VOC Waiver was issued to the Water System on April 10, 2018. Monitoring schedule is also available online at <https://sdwis.waterboards.ca.gov/PDWW/> .

<b>ANNUAL REPORTS</b>			
<b>REPORT</b>	<b>DATE OF SUBMITTANCE</b>	<b>NEXT DUE DATE</b>	<b>COMPLIANT</b>
Electronic Annual Report	4/30/2018	2019	In compliance
Consumer Confidence Report (CCR)	5/17/2018	2019	In compliance
CCR Certification Form			
Backflow Device Certifications	5/30/18	2019	In Compliance

San Bernardino County Department of Public Health  
 DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
 385 North Arrowhead Avenue - 2<sup>nd</sup> Floor, San Bernardino, CA 92415-0160

wp 2671  
 SR 11457

DO NOT FILL IN  
 Permit Number 2006050450  
 Expiration 11-03-06  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

WELL PERMIT  
 (Please Print)

DO NOT FILL IN  
 Date 05-03-06  
 Amount \$ 212.00  
 Receipt Number 56025  
 Paid by LAYNE CHRISTENSEN

Owner's Well No. NZ-113

1. OWNER: Name [REDACTED]  
 Mailing Address [REDACTED]  
 City [REDACTED] Zip [REDACTED]  
 Site Address 2011 SHAY RD.  
 City VICTORVILLE Zip 92392  
 Telephone Number [REDACTED]

Items 6 through 9 to be estimated for new wells, exact for all other wells  
 5. ANNUAL SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

6. DEPTH OF WELL (feet):  
 Proposed \_\_\_\_\_ Existing 117  
 DIAMETER OF BORE (in.): \_\_\_\_\_

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>117</u>	<u>4"</u>	<u>SCA-40</u>

Gravel Pack:  Yes  No  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

8. PERFORATIONS (if applicable):  
 From UNKNOWN to \_\_\_\_\_ ft.

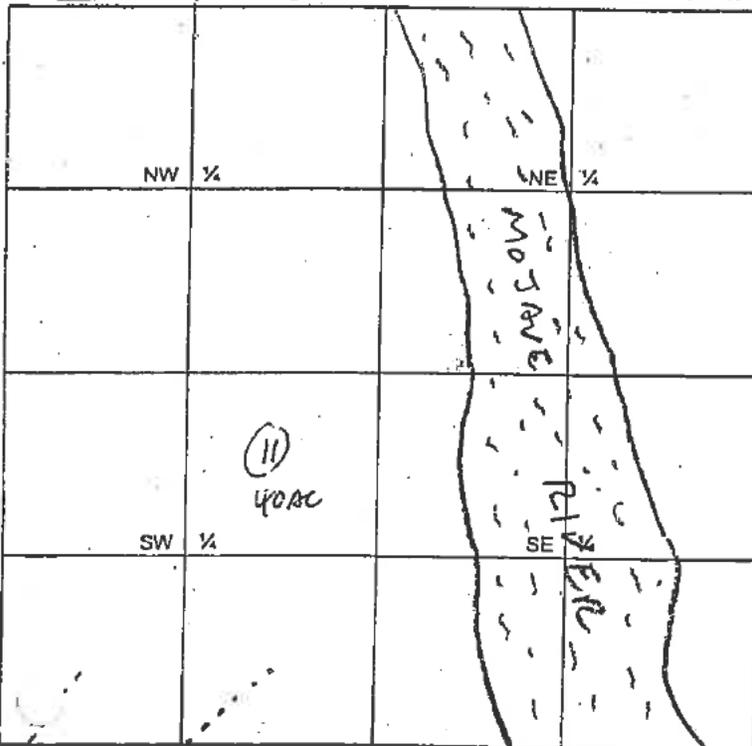
9. SEALED ZONES (if applicable):  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

2. WELL DRILLER: LAYNE CHRISTENSEN CO.  
4/19/06 5/3/06  
Start Date Completion Date

3. WELL USE (check):  
 Agricultural  Horizontal  Test  
 Cathodic  Monitoring/Observation  Dairy  
 Ind/Domestic  Community/PWS/City  Other

4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

SECTION MAP - DO NOT FILL IN Scale 1 inch = 1/4 mile



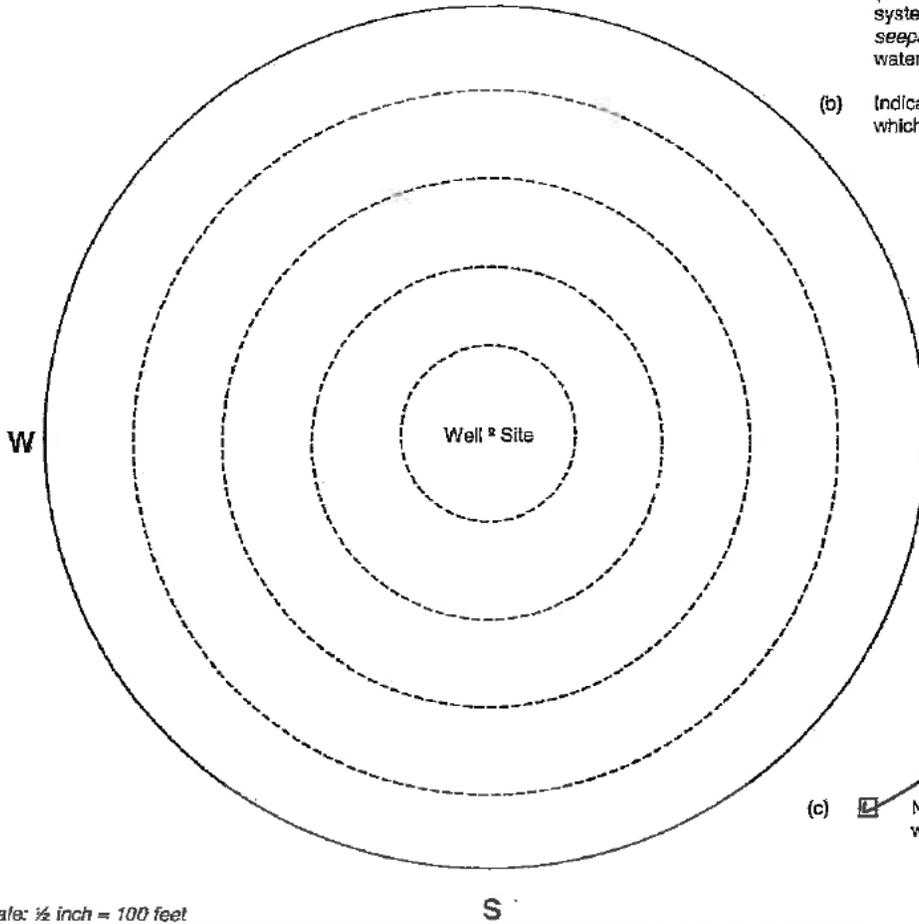
10. LOCATION INFORMATION  
 (a) Assessor's Parcel No. 468-061-11  
 (b) Consulting Firm & Project Number: \_\_\_\_\_  
 (c) Latitude and Longitude (If Known)  
 Lat: \_\_\_\_\_ °, \_\_\_\_\_ ' N/S  
 Long: \_\_\_\_\_ °, \_\_\_\_\_ ' E/W  
 (d) Township:  
 Tier 6 N/S Range 5 E/W Section 12  
 Map Info T6 # 4114/4115 67

DO NOT FILL IN  
 Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

Assessor's Parcel No. 468-061-11  
N

11. PLOT PLAN:

- (a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.
- (b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:



- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animal or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/2 inch = 100 feet

12. I have read this application and understand the conditions of the permit being performed.  
 C-57 Contractor's Signature \_\_\_\_\_ Date 4/17/06  
 County Registration No. \_\_\_\_\_ California License No. 510011

**DISPOSITION OF PERMIT**  
(For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Approved subject to the following:
  - A.  Notify the Department, Safe Drinking Water Program, 909-387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of the surface protective slab and pumping equipment.
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
    - Well Completion Report       Bacterial Analysis       Inorganic Chemical Analysis
    - Radiological Analysis       General Mineral       Organic Chemical analysis       General Physical
  - C.  Submit a copy of the Well Completion Report to DWR within sixty (60) days of the completion of the well.

Comments \_\_\_\_\_

San Bernardino County Department of Public Health  
 DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
 385 North Arrowhead Avenue - 2<sup>nd</sup> Floor, San Bernardino, CA 92415-0160

WP 2672  
 SR 11457

DO NOT FILL IN  
 Permit Number 2006050457  
 Expiration 11-03-06  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

WELL PERMIT  
 (Please Print)

DO NOT FILL IN  
 Date 05-03-06  
 Amount \$ 212.00  
 Receipt Number 56025  
 Paid by LAYNE CHRISTENSEN

Owner's Well No. NZ-79

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address 2011 SHAY RD.  
 City VICTORVILLE Zip 92392  
 Telephone Number \_\_\_\_\_

Items 6 through 9 to be estimated for new wells, exact for all other wells  
 5. ANNUALAR SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER: LAYNE CHRISTENSEN CO.  
4/19/06 5/3/06  
Start Date Completion Date

6. DEPTH OF WELL (feet):  
 Proposed \_\_\_\_\_ Existing 164'  
 DIAMETER OF BORE (in.): \_\_\_\_\_

3. WELL USE (check):  
 Agricultural  Horizontal  Test  
 Cathodic  Monitoring/Observation  Dairy  
 Ind/Domestic  Community/PWS/City  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	164	4"	SCH-40

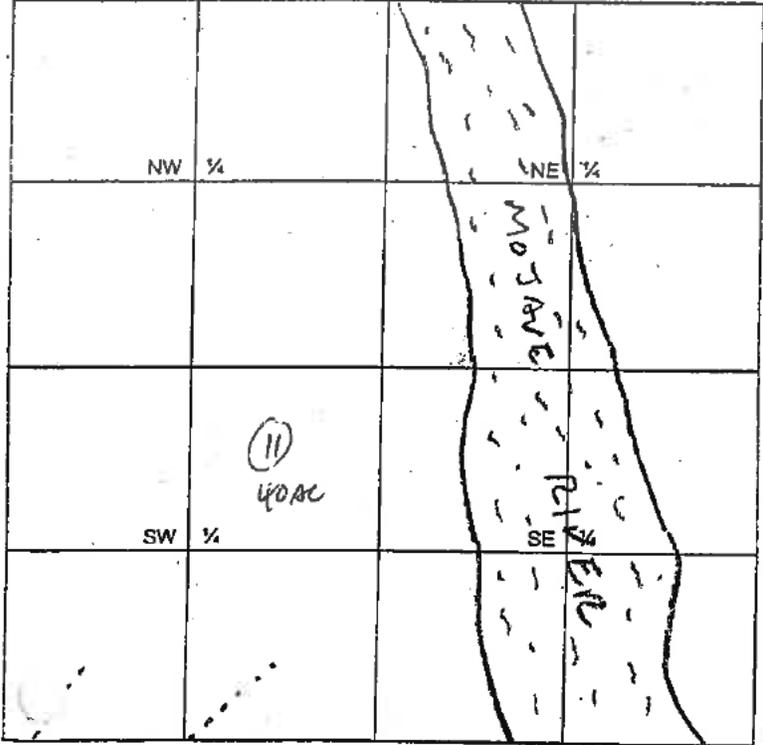
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

Gravel Pack:  Yes  No  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

8. PERFORATIONS (if applicable):  
 From UNKNOWN to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable):  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

SECTION MAP - DO NOT FILL IN Scale 1 inch = 1/4 mile

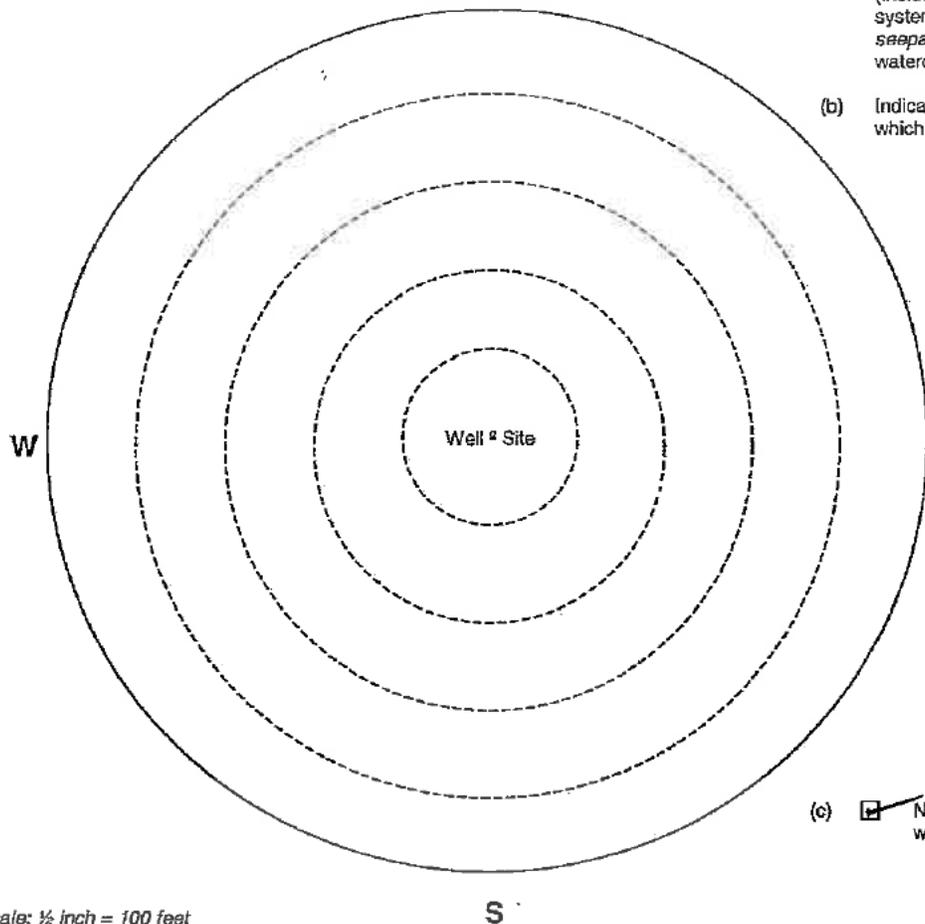


10. LOCATION INFORMATION  
 (a) Assessor's Parcel No. 468-061-11  
 (b) Consulting Firm & Project Number: \_\_\_\_\_  
 (c) Latitude and Longitude (If Known)  
 Lat: \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " N/S  
 Long: \_\_\_\_\_ ° \_\_\_\_\_ ' \_\_\_\_\_ " E/W  
 (d) Township:  
 Tier 6 N/S Range 5 E/W Section 12  
 Map Info TG# 4114/4115 67

DO NOT FILL IN  
 Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

Assessor's Parcel No. 468-061-11  
N

11. PLOT PLAN:  
 (a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.  
 (b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:



- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animal or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/2 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.  
 C-57 Contractor's Signature: \_\_\_\_\_ Date: 4/17/06  
 County Registration No. \_\_\_\_\_ California License No. 510011

**DISPOSITION OF PERMIT**  
 (For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Approved subject to the following:
  - A.  Notify the Department, Safe Drinking Water Program, 909-387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of the surface protective slab and pumping equipment.
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
    - Well Completion Report       Bacterial Analysis       Inorganic Chemical Analysis
    - Radiological Analysis       General Mineral       Organic Chemical analysis       General Physical
  - C.  Submit a copy of the Well Completion Report to DWR within sixty (60) days of the completion of the well.

Comments \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue - 2<sup>nd</sup> Floor, San Bernardino, CA 92415-0160**

wp 3071  
SR 13655

**DO NOT FILL IN**

Permit Number 2006080850  
 Expiration 02-28-07  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT  
(Please Print)**

**DO NOT FILL IN**

Date 08-28-06  
 Amount \$ 233.00  
 Receipt Number 58448  
 Paid by LAYNE CHRISTENSEN

Owner's Well No. Parking lot

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address Same  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

Items 6 through 9 to be estimated for new wells, exact for all other wells

5. ANNUALAR SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material Concrete, Thickness \_\_\_\_\_ in.

6. DEPTH OF WELL (feet):  
 Proposed \_\_\_\_\_ Existing 200'  
 DIAMETER OF BORE (in.): 12"

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>200</u>	<u>12"</u>	<u>14</u>

Gravel Pack:  Yes  No  
 From 0' to 200' ft.

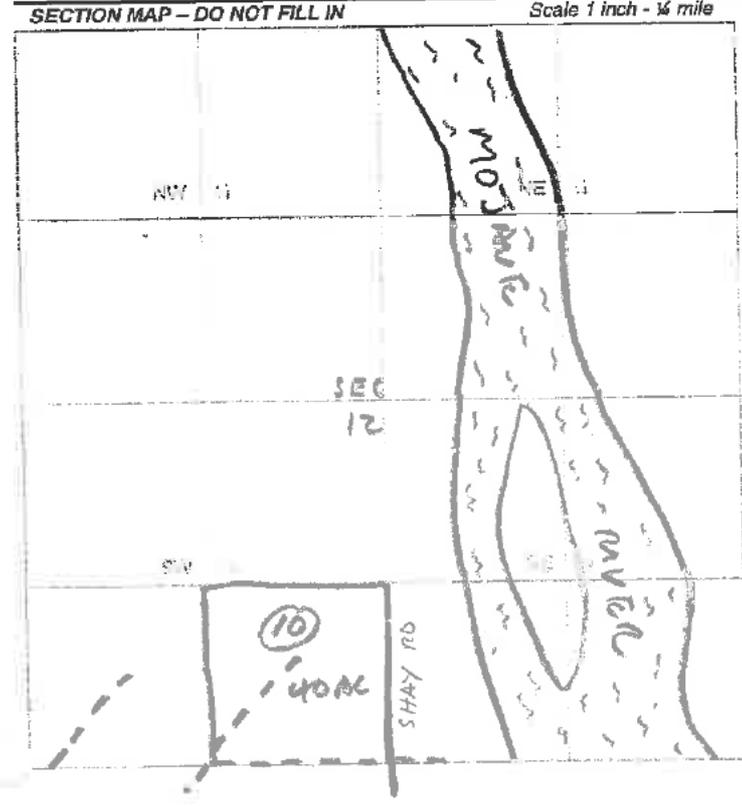
2. WELL DRILLER: LAYNE Christensen Co.  
AUG - 2006 SEPT - 2006  
Start Date Completion Date

8. PERFORATIONS (if applicable):  
 From N/A to N/A ft.

3. WELL USE (check):  
 Agricultural  Horizontal  Test  
 Cathodic  Monitoring/Observation  Dairy  
 Ind/Domestic  Community/PWS/City  Other

9. SEALED ZONES (if applicable):  
 From N/A to N/A ft.

4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction



10. LOCATION INFORMATION

(a) Assessor's Parcel No. 468-061-10  
 (b) Consulting Firm & Project Number: \_\_\_\_\_

(c) Latitude and Longitude (If Known)  
 Lat: 34 ° 36 ' 981 "NS  
 Long: 117 ° 21 ' 466 "EW

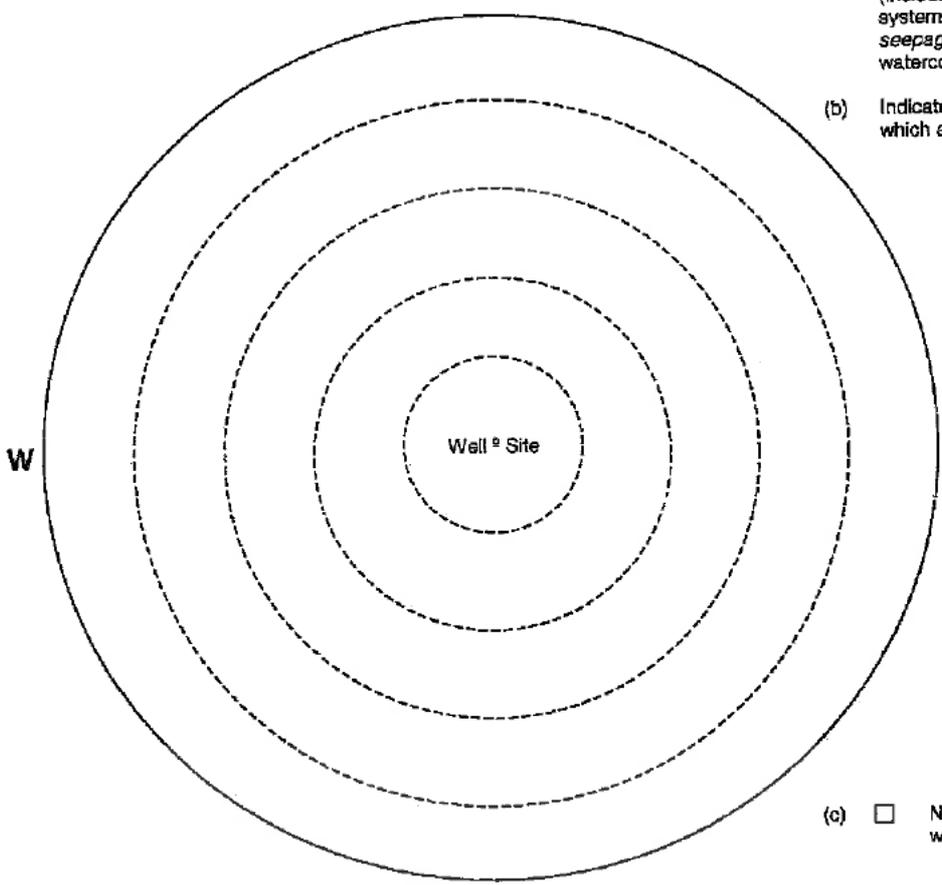
(d) Township:  
 Tier 6 N/S Range 5 E/W Section 12  
 Map Info 4114/4115 67

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

Assessor's Parcel No. 468-001-10

11. PLOT PLAN:  
(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.



(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animal or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/4 inch = 100 feet

12. I have read this application and [Signature] understand all laws regarding the type of work being performed.  
C-57 Contractor's Signature [Redacted] Date 8-8-06  
County Registration No. 84 California License No. 510011

**DISPOSITION OF PERMIT**  
(For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Approved subject to the following:
  - A.  Notify the Department, Safe Drinking Water Program, 909-387-4666 twenty-four (24) hours in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of the surface protective slab and pumping equipment.
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
    - Well Completion Report       Bacterial Analysis       Inorganic Chemical Analysis
    - Radiological Analysis       General Mineral       Organic Chemical analysis       General Physical
  - C.  Submit a copy of the Well Completion Report to DWR within sixty (60) days of the completion of the well.

Comments \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160**

**DO NOT FILL IN**

Permit Number 2002030186  
 Expiration 9/28/2002  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT  
(Please Print)**

**DO NOT FILL IN**

Date 3/27/2002  
 Amount \$ 184.00 + \$63.00  
 Receipt Number 31125  
 Paid By Corexdrill

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number ( \_\_\_\_\_ ) \_\_\_\_\_

*Items 6 through 10 to be estimated for new wells, exact for all other wells.*  
 5. ANNULAR SEAL: Seal Depth 130 ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material Gravel, Thickness 4 in.

2. WELL DRILLER: Corexdrill Company Inc.  
 Business Name  
03-27-02 Start Date 04-27-02 Completion Date

6. DEPTH OF WELL (feet):  
 Proposed 175 Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 10

3. WELL USE (check):  
 Community  Horizontal  Test  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	135	4	SA-80 "H"

Gravel Pack:  Yes  No  
 From 135 to 130 ft.

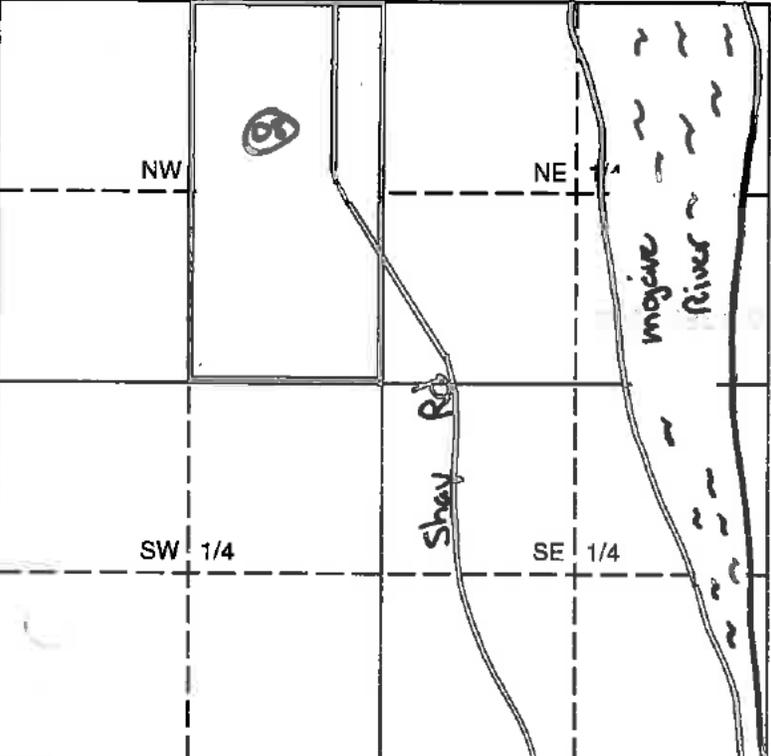
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From 175 to 135 ft.

9. SEALED ZONES (if applicable):  
 From 130 to 120 ft.

**SECTION MAP - DO NOT FILL IN**

Scale: 1 inch = 1/4 mile

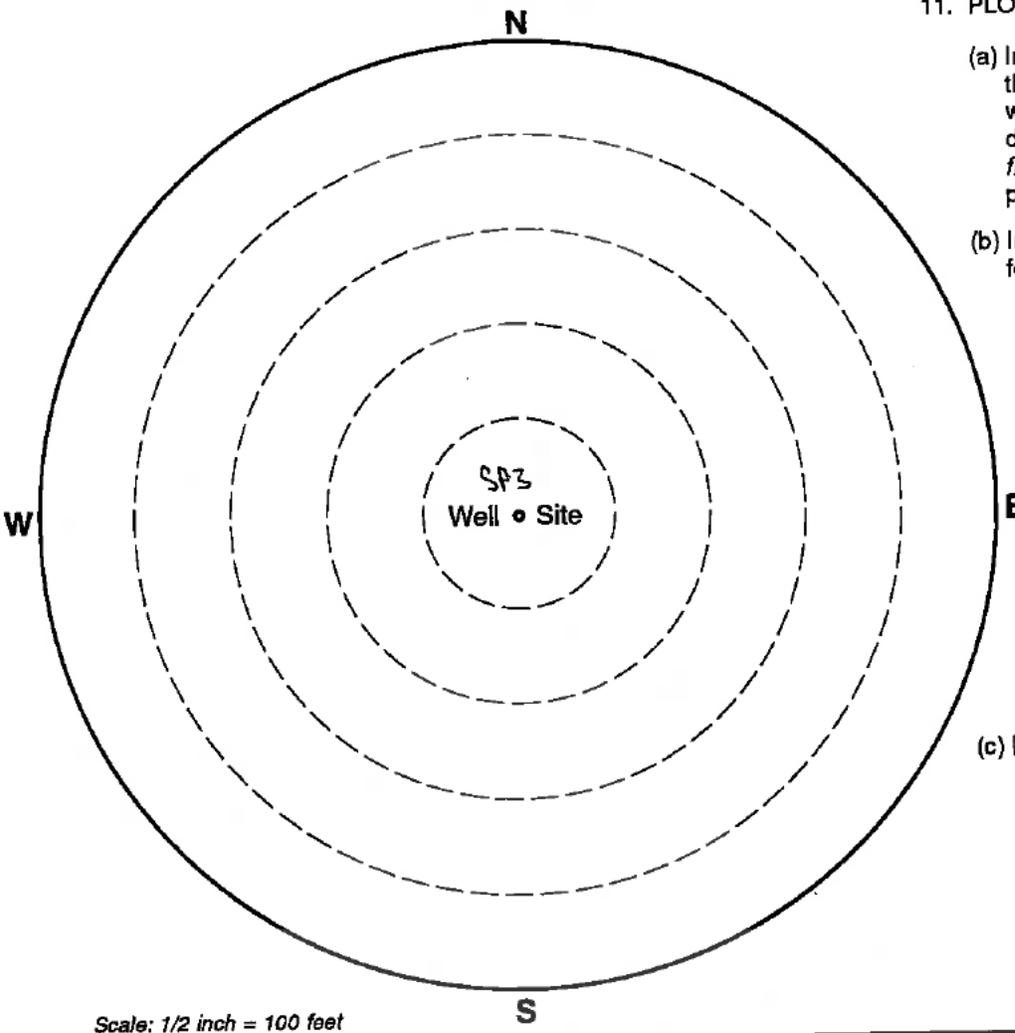


10. LOCATION INFORMATION: P. 4205, G1  
 (a) Township: Tier 6N N/S Range 5W E/W Section 13  
 (b) Assessor's Parcel No. 468-111-08  
 (c) Latitude and Longitude  
 Lat: \_\_\_\_\_ " N/S  
 Long: \_\_\_\_\_ " E/W  
 (d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
 Location 2011 Shay Rd, Victorville, CA 92394

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

11. PLOT PLAN:



(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/2 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature \_\_\_\_\_ Date 3-27-02  
 County Registration No. 270 California License No. 754005

**DISPOSITION OF PERMIT**  
 (For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Denied \_\_\_\_\_
- Approved subject to the following:
  - A.  Notify the Department, Safe Drinking Water Program (909) 387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of the surface protective slab and pumping equipment.
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
 

<input checked="" type="checkbox"/> Water Well Driller's Report	<input type="checkbox"/> Bacterial Analysis	<input type="checkbox"/> Inorganic Chemical Analysis
<input type="checkbox"/> Radiological Analysis	<input type="checkbox"/> General Mineral	<input type="checkbox"/> Organic Chemical Analysis
		<input type="checkbox"/> General Physical

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160**

**DO NOT FILL IN**

Permit Number 200203087  
 Expiration 9/28/02  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT  
(Please Print)**

**DO NOT FILL IN**

Date 3/27/2002  
 Amount \$ 184.00  
 Receipt Number 31125  
 Paid By Conec drill

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

*Items 6 through 10 to be estimated for new wells, exact for all other wells.*  
 5. ANNULAR SEAL: Seal Depth 120 ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material Cement Grout, Thickness 4 in.

6. DEPTH OF WELL (feet):  
 Proposed 175 Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 10

2. WELL DRILLER: Conec Drill Company Inc.  
 Business Name  
03-27-02 Start Date 04-27-02 Completion Date

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>125</u>	<u>4</u>	<u>1/2" - 3/8"</u>

3. WELL USE (check):  
 Community  Horizontal  Test  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

Gravel Pack:  Yes  No  
 From 175 to 130 ft.

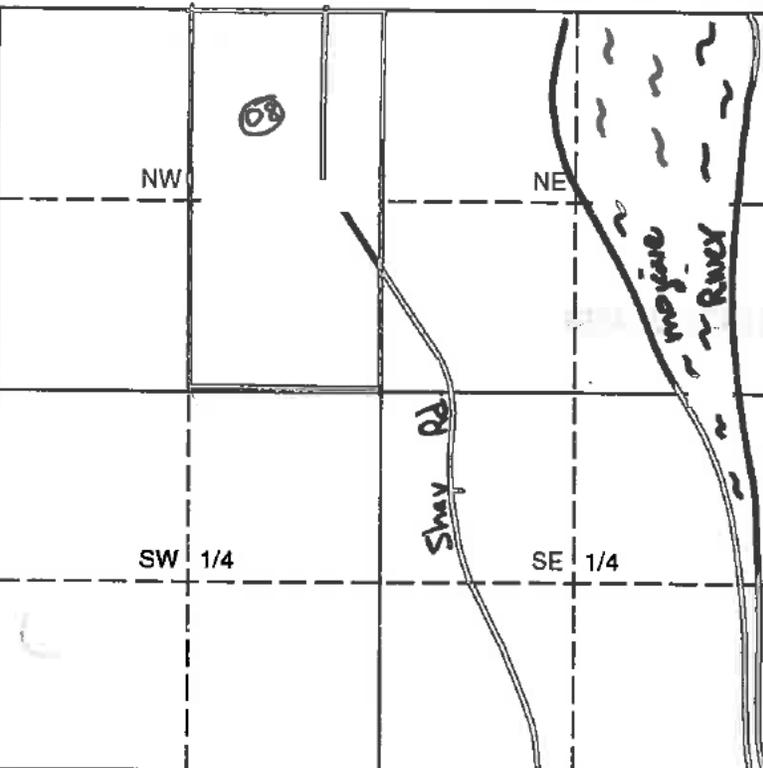
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From 175 to 135 ft.

9. SEALED ZONES (if applicable):  
 From 130 to 120 ft.

**SECTION MAP - DO NOT FILL IN**

Scale: 1 inch = 1/4 mile

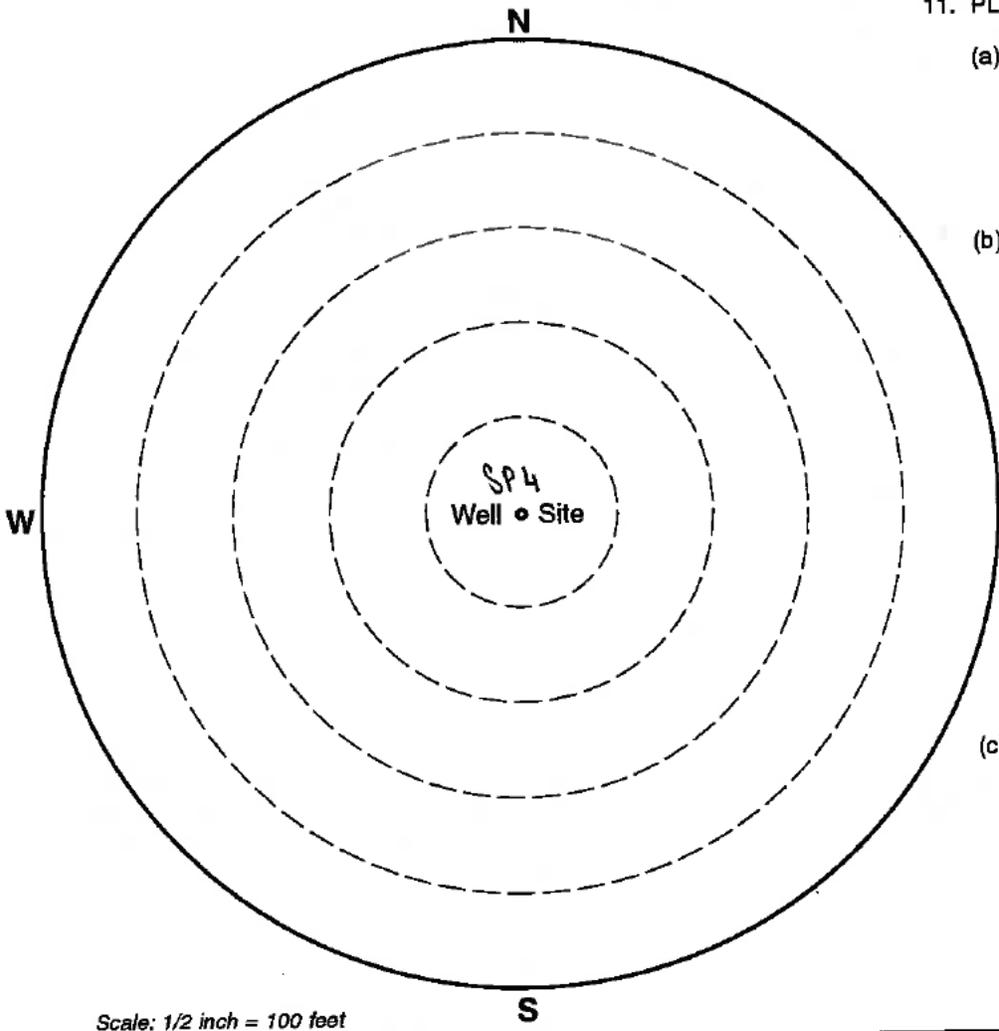


10. LOCATION INFORMATION: P. 4205, G1  
 (a) Township: Tier 6N N/S Range 5W EW Section 13  
 (b) Assessor's Parcel No. 468-111-08  
 (c) Latitude and Longitude  
 Lat: \_\_\_\_\_ " N/S  
 Long: \_\_\_\_\_ " E/W  
 (d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
 Location 2011 Shay Rd. Victorville, CA 92394

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

11. PLOT PLAN:



(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/2 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature \_\_\_\_\_

Date 3-27-01

County Registration No. 270

California License No. 754 005

**DISPOSITION OF PERMIT**

(For Department Use Only)

Sent to Water Agency for review.

Water Agency conditions or recommendations attached.

Denied \_\_\_\_\_

Approved subject to the following:

A.  Notify the Department, Safe Drinking Water Program (909) 387-4666, twenty-four (24) hours in advance

to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacterial Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160**

**DO NOT FILL IN**

Permit Number 2002030188  
 Expiration 9/28/2002  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT  
(Please Print)**

**DO NOT FILL IN**

Date 3/27/2002  
 Amount \$ 184.00 + \$63.00  
 Receipt Number 3125  
 Paid By Conexdrill

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

Items 6 through 10 to be estimated for new wells, exact for all other wells.  
 5. ANNULAR SEAL: Seal Depth 120 ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material Cement Grout, Thickness 4 in.

2. WELL DRILLER: Conexdrill Company Inc.  
 Business Name  
03-27-02 Start Date 04-27-02 Completion Date

6. DEPTH OF WELL (feet):  
 Proposed 175 Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 10

3. WELL USE (check):  
 Community  Horizontal  Test  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>135</u>	<u>4</u>	<u>SL-30 7/2</u>

Gravel Pack:  Yes  No  
 From 175 to 130 ft.

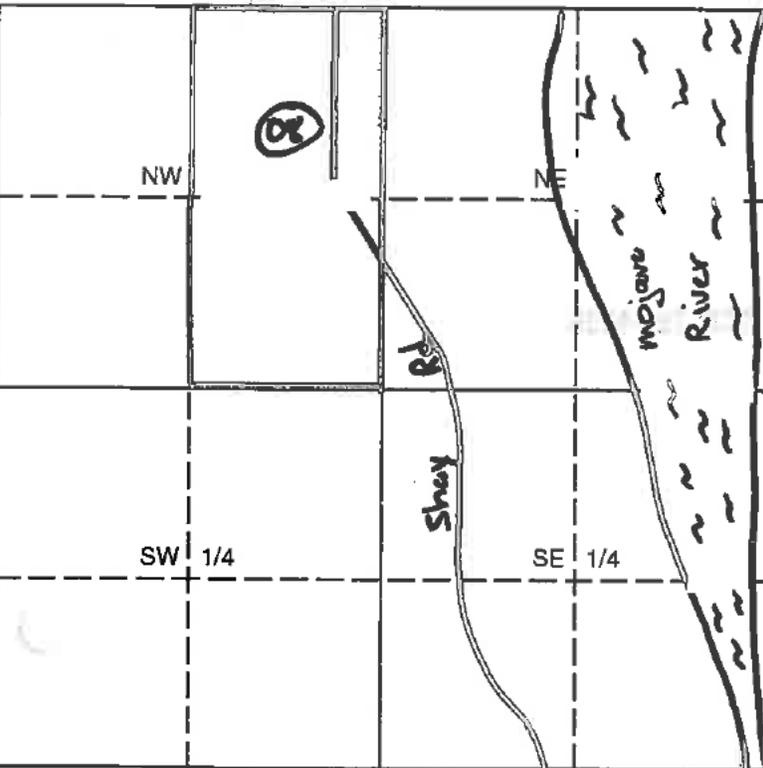
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From 175 to 135 ft.

9. SEALED ZONES (if applicable):  
 From 130 to 120 ft.

**SECTION MAP - DO NOT FILL IN**

Scale: 1 inch = 1/4 mile

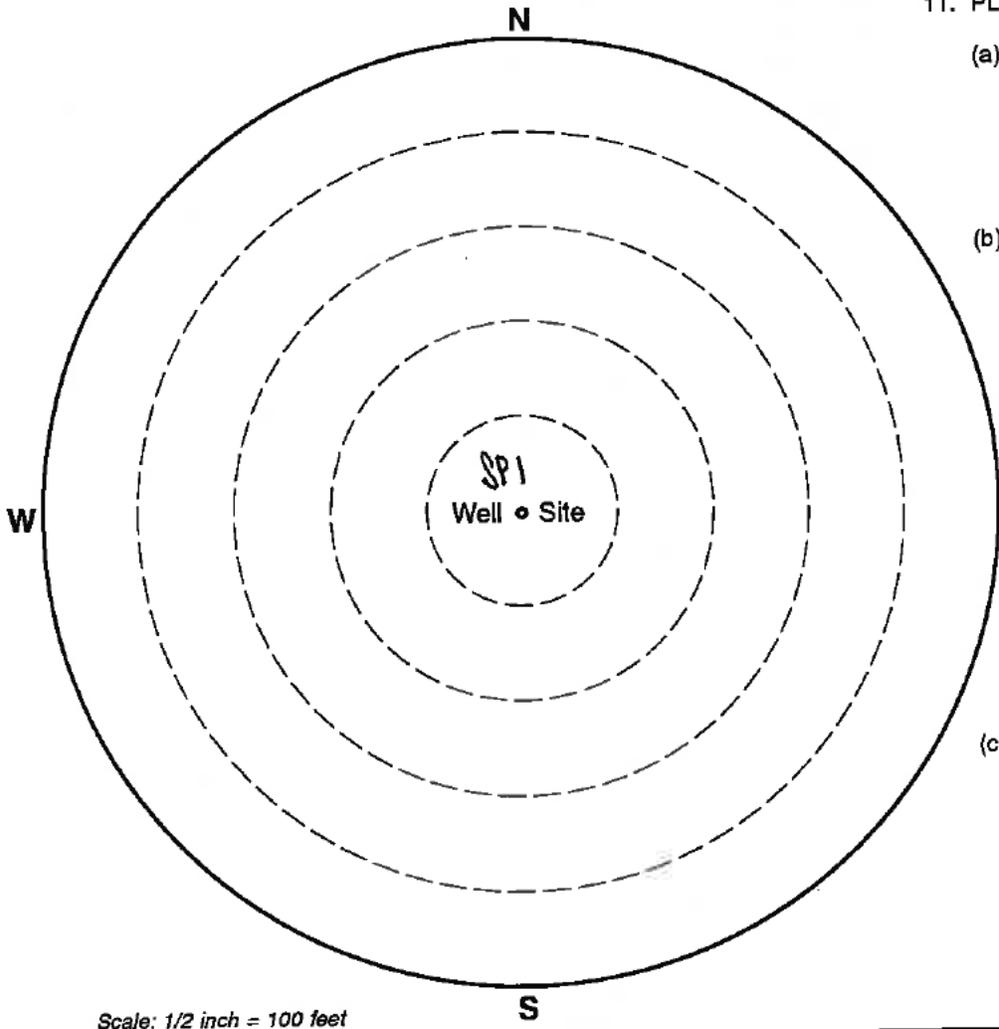


10. LOCATION INFORMATION: p. 4205 G1  
 (a) Township: Tier 6N N/S Range 5W E/W Section 13  
 (b) Assessor's Parcel No. 468-111-08  
 (c) Latitude and Longitude  
 Lat: \_\_\_\_\_ " N/S  
 Long: \_\_\_\_\_ " E/W  
 (d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
 Location 2011 Shoy Rd, Victorville, CA 92394

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

11. PLOT PLAN:



(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/2 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature \_\_\_\_\_

Date 3-17-02

County Registration No. 210

California License No. 754005

**DISPOSITION OF PERMIT**

(For Department Use Only)

Sent to Water Agency for review.

Water Agency conditions or recommendations attached.

Denied \_\_\_\_\_

Approved subject to the following:

A.  Notify the Department, **Safe Drinking Water Program (909) 387-4666**, twenty-four (24) hours in advance

to make an inspection of the following operations:

Prior to sealing of the annular space or filling of the conductor casing.

After installation of the surface protective slab and pumping equipment.

During destruction of wells, prior to pouring the sealing material.

B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:

Water Well Driller's Report

Bacterial Analysis

Inorganic Chemical Analysis

Radiological Analysis

General Mineral

Organic Chemical Analysis

General Physical

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160**

**DO NOT FILL IN**

Permit Number 2002030189  
 Expiration 9/28/2002  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT  
(Please Print)**

**DO NOT FILL IN**

Date 3/27/2002  
 Amount \$ 184.00 + \$63.00  
 Receipt Number 31125  
 Paid By Corexdrill

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

*Items 6 through 10 to be estimated for new wells, exact for all other wells.*  
 5. ANNULAR SEAL: Seal Depth 120 ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material Cement Grout, Thickness 4 in.

2. WELL DRILLER: Corexdrill Company Inc.  
 Business Name  
03-27-02 Start Date 04-27-02 Completion Date

6. DEPTH OF WELL (feet):  
 Proposed 175 Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 10

3. WELL USE (check):  
 Community  Horizontal  Test  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	135	4	5/16 to 1/2"

Gravel Pack:  Yes  No  
 From 175 to 130 ft.

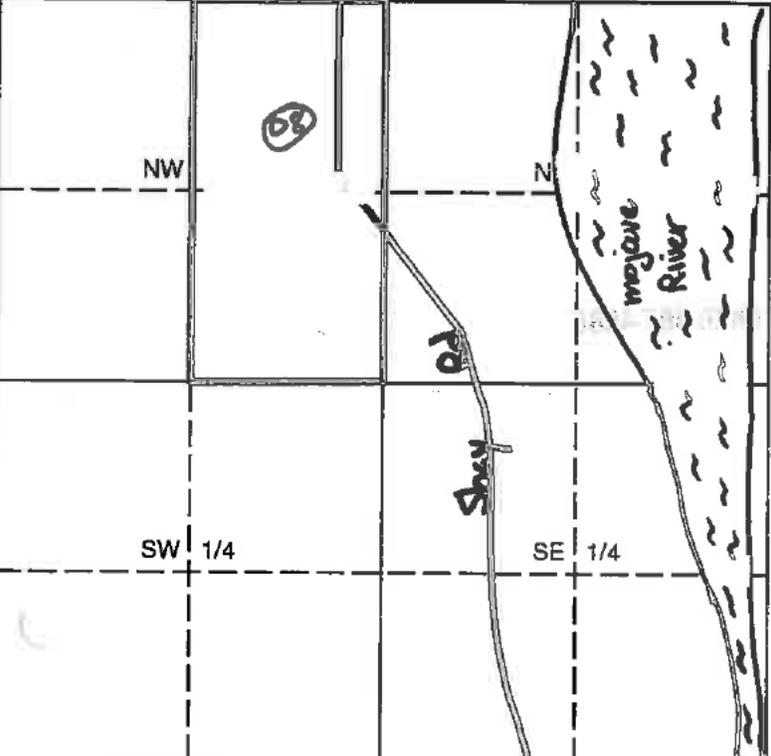
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From 175 to 135 ft.

9. SEALED ZONES (if applicable):  
 From 130 to 120 ft.

**SECTION MAP - DO NOT FILL IN**

Scale: 1 inch = 1/4 mile

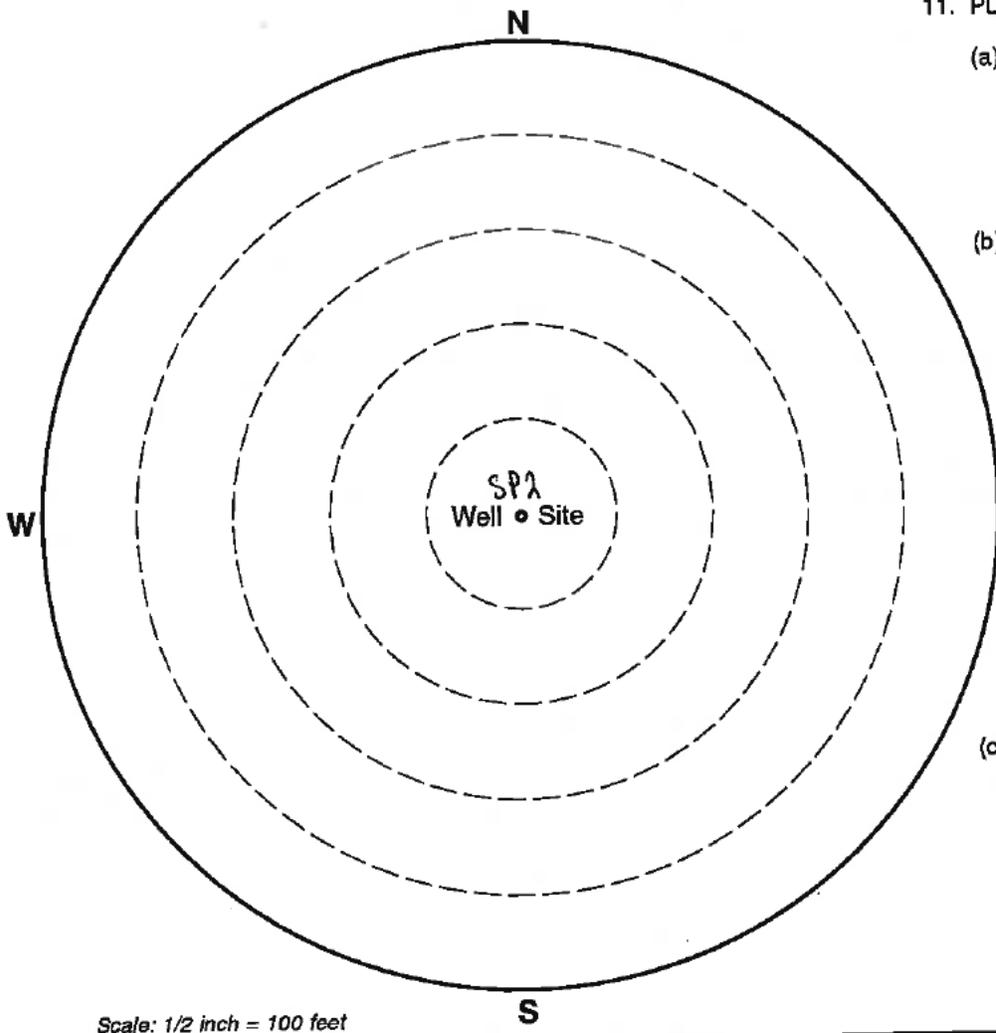


10. LOCATION INFORMATION: P. 4205 G1  
 (a) Township: Tier 6 N N/S Range 5W E/W Section 13  
 (b) Assessor's Parcel No. 468-111-03  
 (c) Latitude and Longitude  
 Lat: \_\_\_\_\_ " N/S  
 Long: \_\_\_\_\_ " E/W  
 (d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
 Location 20111 Shaw Rd, Victorville, CA 92394

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

11. PLOT PLAN:



(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.

Scale: 1/2 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature \_\_\_\_\_ Date 3-27-02  
 County Registration No. 270 California License No. 754005

**DISPOSITION OF PERMIT**  
 (For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Denied \_\_\_\_\_
- Approved subject to the following:
  - A.  Notify the Department, **Safe Drinking Water Program (909) 387-4666**, twenty-four (24) hours in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of the surface protective slab and pumping equipment.
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
 

<input checked="" type="checkbox"/> Water Well Driller's Report	<input type="checkbox"/> Bacterial Analysis	<input type="checkbox"/> Inorganic Chemical Analysis
<input type="checkbox"/> Radiological Analysis	<input type="checkbox"/> General Mineral	<input type="checkbox"/> Organic Chemical Analysis
		<input type="checkbox"/> General Physical

Comments \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160**

**DO NOT FILL IN**

Permit Number 1999100802  
 Expiration 10-14-2000  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

**BORINGS COMPLETED PRIOR  
TO EHS PERMIT APPROVAL.**

**DO NOT FILL IN**

Date 10/14/99  
 Amount \$ 175.00 *Ch. #7054*  
 Receipt Number 18792  
 Paid By Gregg Drilling & Testing

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address 20111 SHAY ROAD.  
 City VICTORVILLE, CA Zip 92394  
 Telephone Number \_\_\_\_\_

*Items 6 through 10 to be estimated for new wells, exact for all other wells.*  
 5. ANNULAR SEAL: N/A none Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER: GREGG DRILLING & TESTING, INC.  
*Business Name*  
9/14/99 9/15/99  
*Start Date Completion Date*

6. DEPTH OF WELL (feet):  
 Proposed 100' Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 8"

3. WELL USE (check):  
 Community  Horizontal  Test  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other \*  
BORING

7. CASING INSTALLED: N/A none  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)

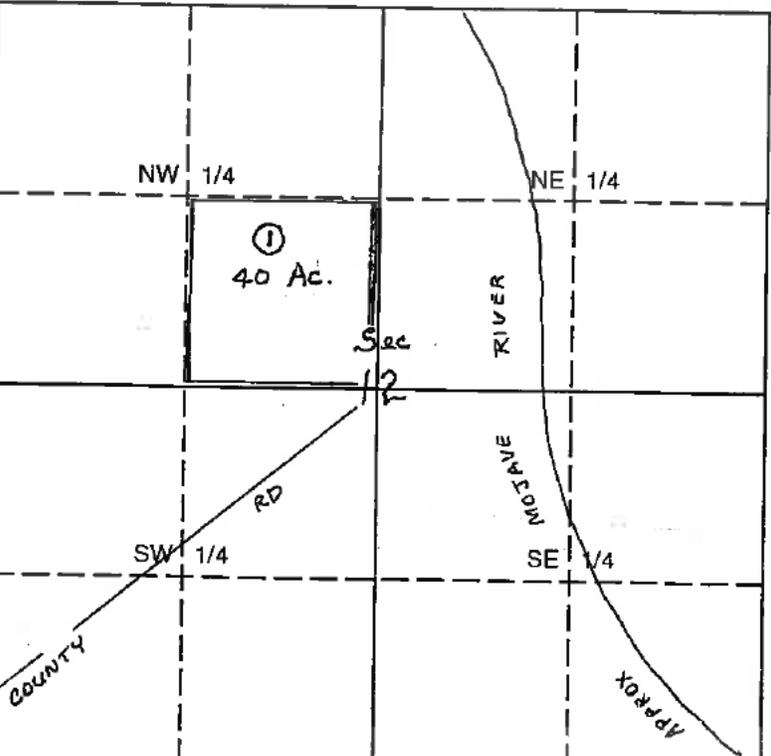
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

Gravel Pack:  Yes  No N/A  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

8. PERFORATIONS (if applicable): N/A  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable): N/A  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

**SECTION MAP - DO NOT FILL IN** Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION: 4115-66  
 (a) Township: Tier 6N N/S Range 5W E/W Section 12  
 (b) Assessor's Parcel No. 468-061-01  
 (c) Latitude and Longitude  
 Lat: 34 °, 37 ' ; 22.92 " N/S  
 Long: 117 °, 21 ' ; 24.16 " E/W  
 (d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
 Location VICTOR VALLEY WASTE WATER-RECLAMATION AUTHORITY (WVRA)

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_

\*BOREHOLE TO BE DRILLED PAST WATER TABLE, AND THEN IMMEDIATELY FILLED WITH NATIVE MATERIAL.

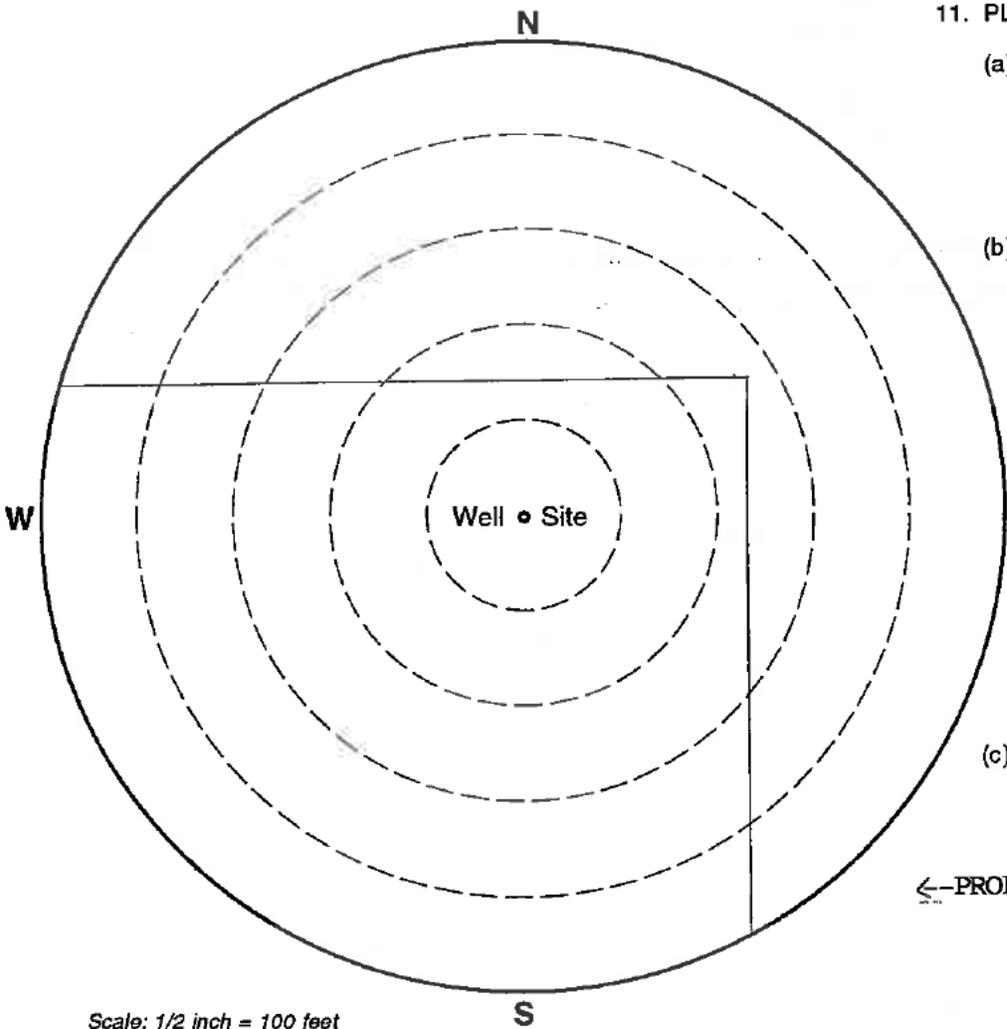
11. PLOT PLAN: 1999100802

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.



←-PROPERTY LINES

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature [Redacted] Date 10/5/99  
 County Registration No. 8703110007 California License No. 485165

**DISPOSITION OF PERMIT**

(For Department Use Only)

- Sent to Water Agency for review. MWA - 10/14/99
- Water Agency conditions or recommendations attached.
- Denied
- Approved subject to the following:
  - A.  Notify the Department, Safe Drinking Water Program (909) 387-4666, ~~twenty-four (24) hours~~ in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of the surface protective slab and pumping equipment.
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
    - Water Well Driller's Report
    - Radiological Analysis
    - Bacterial Analysis
    - General Mineral
    - Inorganic Chemical Analysis
    - Organic Chemical Analysis
    - General Physical

Comments \_\_\_\_\_

**San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES**  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160

**DO NOT FILL IN**

Number 1999100803  
Expiration 10-14-2000  
FF \_\_\_\_\_  
FA \_\_\_\_\_  
SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

BORINGS COMPLETED PRIOR  
TO EHS PERMIT APPROVAL

**DO NOT FILL IN**

Date 10/14/99  
Amount \$ 175.00 ck #9054  
Receipt Number 18792  
Paid By Gregg Drilling & Testing

1. OWNER: Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ Zip \_\_\_\_\_  
Site Address 20111 SHEY ROAD  
City VICTORVILLE, CA Zip 92394  
Telephone Number \_\_\_\_\_

Items 6 through 10 to be estimated for new wells, exact for all other wells.  
5. ANNULAR SEAL: NONE Seal Depth \_\_\_\_\_ ft.  
Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

6. DEPTH OF WELL (feet):  
Proposed 100' Existing \_\_\_\_\_  
DIAMETER OF BORE (in.): 8"

2. WELL DRILLER: GREGG DRILLING & TESTING, INC.  
Business Name  
9/13/99 9/14/99  
Start Date Completion Date

7. CASING INSTALLED: NONE  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)

3. WELL USE (check):  
 Community  Horizontal  Test  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other \*  
BORING

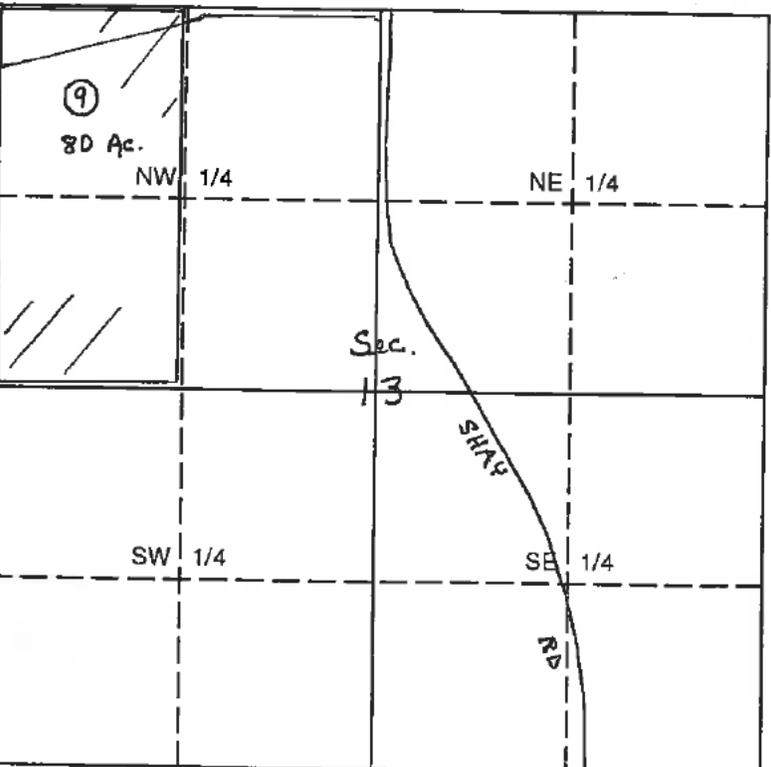
Gravel Pack:  Yes  No  
From \_\_\_\_\_ to \_\_\_\_\_ ft.

4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable): N/A  
From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable): N/A  
From \_\_\_\_\_ to \_\_\_\_\_ ft.

**SECTION MAP - DO NOT FILL IN** Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION: 4205 - F1  
(a) Township: Tier 6N N/S Range 5W E/W Section 13  
(b) Assessor's Parcel No. 468-111-09  
(c) Latitude and Longitude  
Lat: 34 °, 36 ' ; 43.91 " N/S  
Long: 117 °, 21 ' ; 27.55 " E/W  
(d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
VICTOR VALLEY WASTE WATER RECLAMATION AUTHORITY (OUNCE)

**DO NOT FILL IN**

Seal \_\_\_\_\_  
Cap \_\_\_\_\_  
Check Valve \_\_\_\_\_  
Electricals \_\_\_\_\_  
Slab \_\_\_\_\_  
Tag \_\_\_\_\_  
Building & Safety Notified \_\_\_\_\_

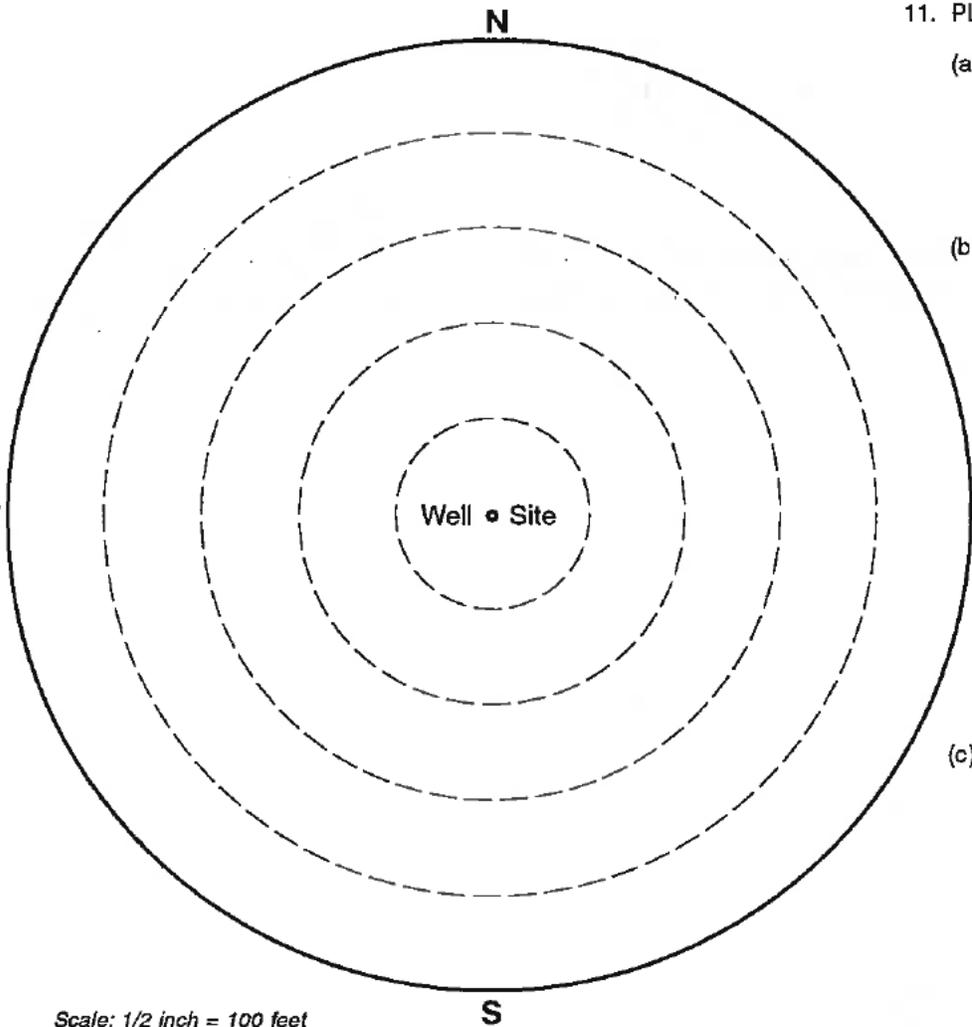
11. PLOT PLAN: 1999100803

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 500 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 500 feet of the well site.



Scale: 1/2 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature

[Redacted Signature]

Date 10/5/99

County Registration No.

8703110007

California License No.

485165

**DISPOSITION OF PERMIT**

(For Department Use Only)

- Sent to Water Agency for review. MWA - 10/14/99
- Water Agency conditions or recommendations attached.
- Denied \_\_\_\_\_
- Approved subject to the following:
  - A.  Notify the Department, Safe Drinking Water Program (909) 387-4606, twenty four (24) hours in advance to make an inspection of the following operations:
    - Prior to sealing of the annular space or filling of the conductor casing.
    - After installation of ~~the surface protective slab and pumping equipment.~~
    - During destruction of wells, prior to pouring the sealing material.
  - B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:
 

<input checked="" type="checkbox"/> Water Well Driller's Report	<input type="checkbox"/> Bacterial Analysis	<input type="checkbox"/> Inorganic Chemical Analysis
<input type="checkbox"/> Radiological Analysis	<input type="checkbox"/> General Mineral	<input type="checkbox"/> Organic Chemical Analysis
		<input type="checkbox"/> General Physical

Comments \_\_\_\_\_

San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
386-North Arrowhead Avenue, San Bernardino, CA 92415-0160

DO NOT FILL IN

Permit Number 11109750V  
Expiration 11-10-98  
FF \_\_\_\_\_  
FA \_\_\_\_\_  
SN \_\_\_\_\_

WELL PERMIT  
(Please Print)

BH-1

DO NOT FILL IN

Date 11-7-97  
Amount \$ 175.<sup>00</sup>  
Receipt Number 09796  
Paid By Converse Professional Group

1. OWNER: Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ Zip \_\_\_\_\_  
Site Address 2011 Shay Road  
City Victorville, CA Zip 92394  
Telephone Number \_\_\_\_\_

Items 8 through 10 to be estimated for new wells, exact for all other wells.  
ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.  
Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ In., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER: Converse Consultants  
Business Name  
11-14-97 11-20-97  
Start Date Completion Date

8. DEPTH OF WELL (feet):  
Proposed 50' Existing \_\_\_\_\_  
DIAMETER OF BORE (In.): 8"

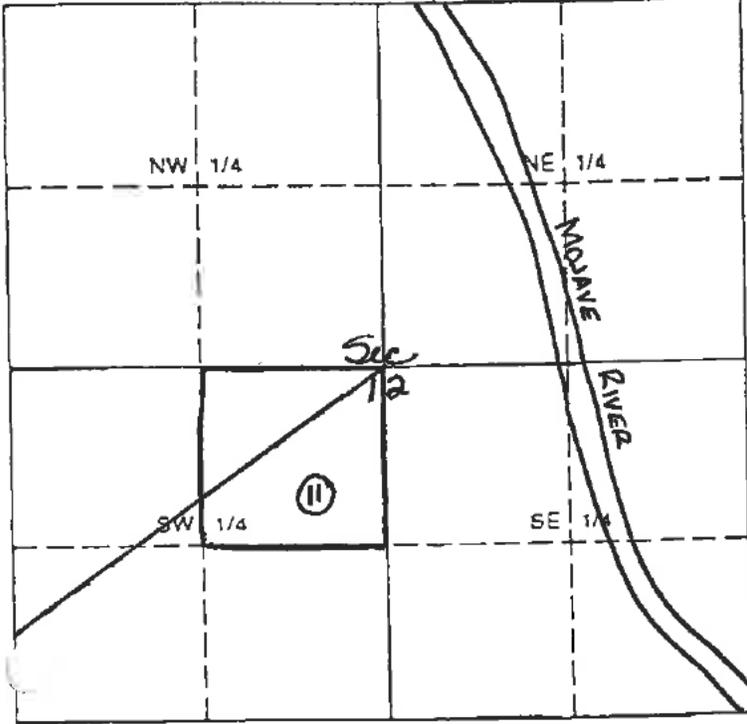
3. WELL USE (check):  
 Community  Horizontal  Test (Soil)  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other  
Table:  
From (ft.) To (ft.) Dia. (In.) Wall (Gage)  
Gravel Pack:  Yes  No  
From \_\_\_\_\_ to \_\_\_\_\_ ft.

4. TYPE OF WORK (check): Soil Boring  
 New  Reconstruction  Destruction

9. PERFORATIONS (if applicable):  
From \_\_\_\_\_ to \_\_\_\_\_ ft.  
9. SEALED ZONES (if applicable):  
From 5 to 25 ft. 0'-5' } Soil  
25-50' }

SECTION MAP - DO NOT FILL IN Scale: 1 inch = 1/4 mile

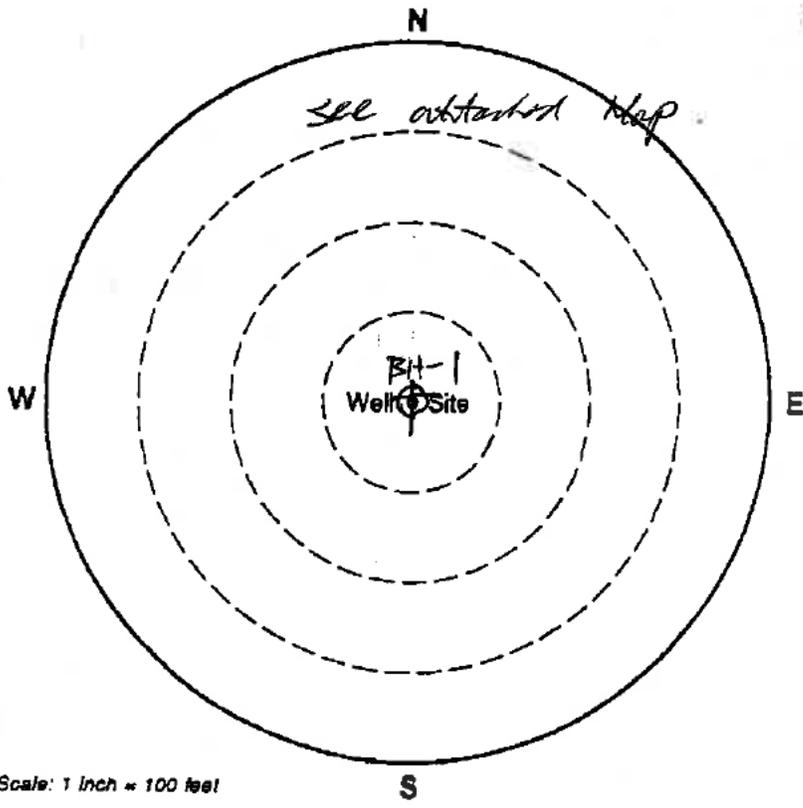


See attached Map

10. LOCATION INFORMATION: 305 E-1  
(a) Township:  
Tier 6 N/S Range 5 E/W Section 12  
(b) Assessor's Parcel No. 46806111  
(c) Latitude and Longitude  
Lat: \_\_\_\_\_ N/S  
Long: \_\_\_\_\_ E/W  
(d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
Location \_\_\_\_\_  
No. MAV: \_\_\_\_\_

DO NOT FILL IN

Seal \_\_\_\_\_  
Cap \_\_\_\_\_  
Check Valve \_\_\_\_\_  
Electricals \_\_\_\_\_  
Sleb \_\_\_\_\_  
Tag \_\_\_\_\_  
Building & Safety Notified \_\_\_\_\_



11. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 200 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

G-57 Contractor's Signature

*[Redacted Signature]*

Date 11/6/97

County Registration No.

#131

California License No.

506102

**DISPOSITION OF PERMIT**  
(For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Denied \_\_\_\_\_

Approved subject to the following:

A.  Notify the Department, Stephen Reynolds (909) 387-4666, twenty-four (24) hours in advance

to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacterial Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
385 North Arrowhead Avenue, San Bernardino, CA 92415-0160

**DO NOT FILL IN**

Permit Number 11109751V  
 Expiration 11-10-98  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

BH-2

**DO NOT FILL IN**

Date 11-7-97  
 Amount \$ 175.00  
 Receipt Number 09190  
 Paid By Converse Professional Group

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address 2011 Shay Road  
 City Victorville, CA Zip 92394  
 Telephone Number \_\_\_\_\_

Items 6 through 10 to be estimated for new wells, exact for all other wells.

ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER: Converse Consultants  
 Business Name  
11-14-97 11-20-97  
 Start Date Completion Date

6. DEPTH OF WELL (feet):  
 Proposed 50' Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 8"

3. WELL USE (check):  
 Community  Horizontal  Test (501)  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)

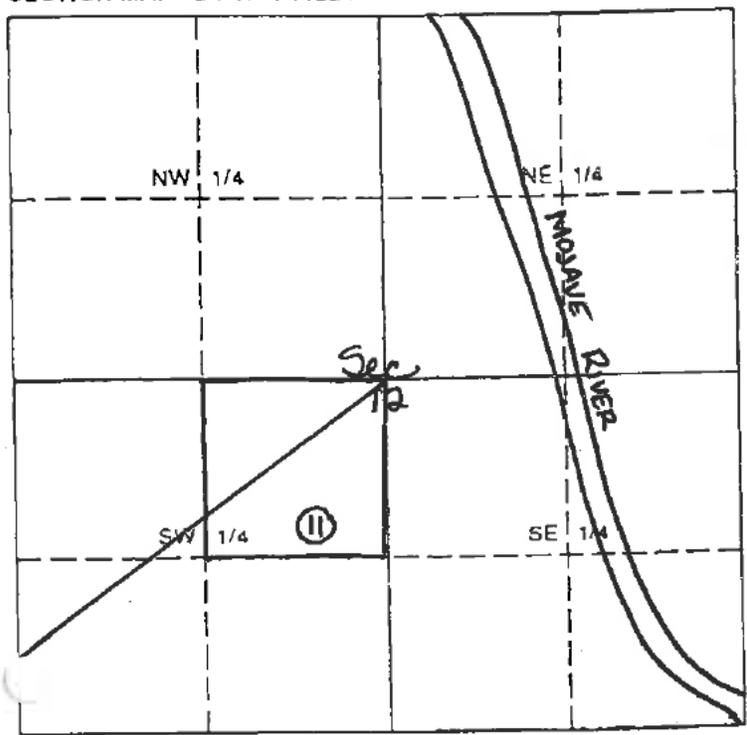
Gravel Pack:  Yes  No  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

4. TYPE OF WORK (check): Soil Boring  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable):  
 From 5 to 25 ft. 0'-5' } 50:1  
25-50'

**SECTION MAP - DO NOT FILL IN** . Scale: 1 inch = 1/4 mile



See attached map

10. LOCATION INFORMATION: 305 E-1

(a) Township:  
 Tier 6 (N)S Range 5 (E)W Section 12

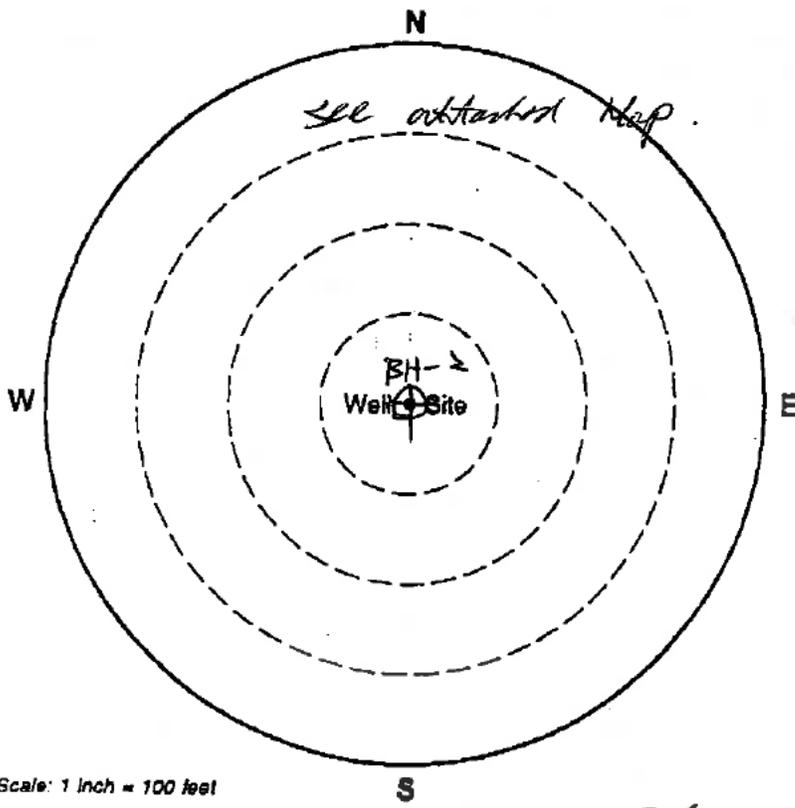
(b) Assessor's Parcel No. 46806111

(c) Latitude and Longitude  
 Lat: \_\_\_\_\_ " N/S  
 Long: \_\_\_\_\_ " E/W

(d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
 Location \_\_\_\_\_  
 No M.A.V.

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Teg \_\_\_\_\_  
 Building & Safety Notified \_\_\_\_\_



11. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 200 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature  
County Registration No. 151

*[Signature]*  
[Redacted Signature]

Date 11/6/97  
California License No. 506102

**DISPOSITION OF PERMIT**  
(For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Denied

Approved subject to the following:

A.  Notify the Department, Stephen Reynolds (909) 387-4666, twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacterial Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

San Bernardino County Department of Public Health  
DIVISION OF ENVIRONMENTAL HEALTH SERVICES  
365 North Arrowhead Avenue, San Bernardino, CA 92415-0160

DO NOT FILL IN

Permit Number 11109752V  
Expiration 11-10-98  
FF \_\_\_\_\_  
FA \_\_\_\_\_  
SN \_\_\_\_\_

WELL PERMIT  
(Please Print)

BH-3

DO NOT FILL IN

Date 11-7-97  
Amount \$ 175.00  
Receipt Number 09790  
Paid By Converse Professional Group

1. OWNER: Name \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
City \_\_\_\_\_ Zip \_\_\_\_\_  
Site Address 2011 Shay Road  
City Victorville, CA Zip 92394  
Telephone Number \_\_\_\_\_

Items 8 through 10 to be estimated for new wells, exact for all other wells.  
ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.  
Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER: Converse Consultants  
Business Name  
11-14-97 11-20-97  
Start Date Completion Date

6. DEPTH OF WELL (feet):  
Proposed 40' Existing \_\_\_\_\_  
DIAMETER OF BORE (in.): 8"

3. WELL USE (check):  
 Community  Horizontal  Test (Soil)  
 Individual  Monitoring  Dairy  
 Agricultural  Public Water Supply  Other

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)

4. TYPE OF WORK (check): Soil Boring  
 New  Reconstruction  Destruction

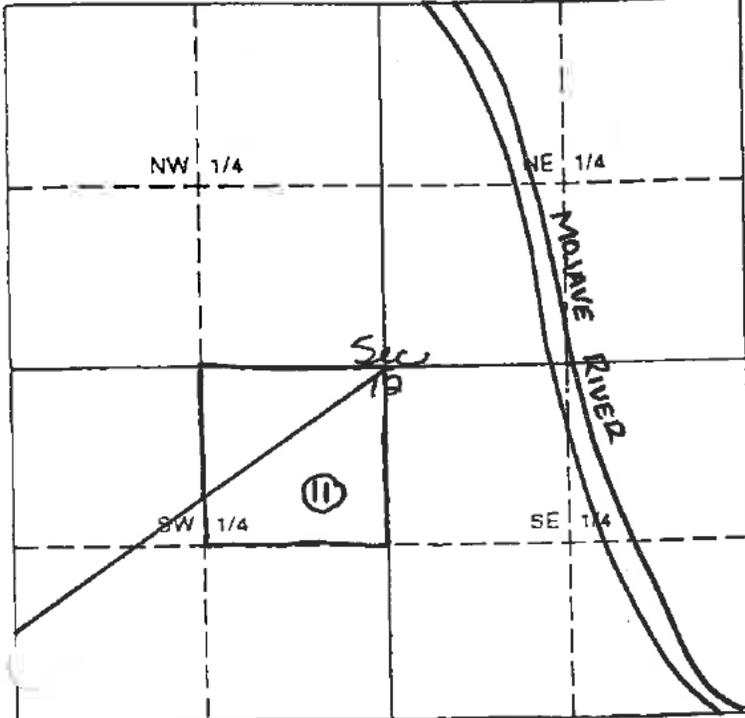
Gravel Pack:  Yes  No  
From \_\_\_\_\_ to \_\_\_\_\_ ft.

8. PERFORATIONS (if applicable):  
From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable):  
From 5 to 25 ft. 0'-5' } Soil  
25-40' }

SECTION MAP - DO NOT FILL IN

Scale: 1 inch = 1/4 mile

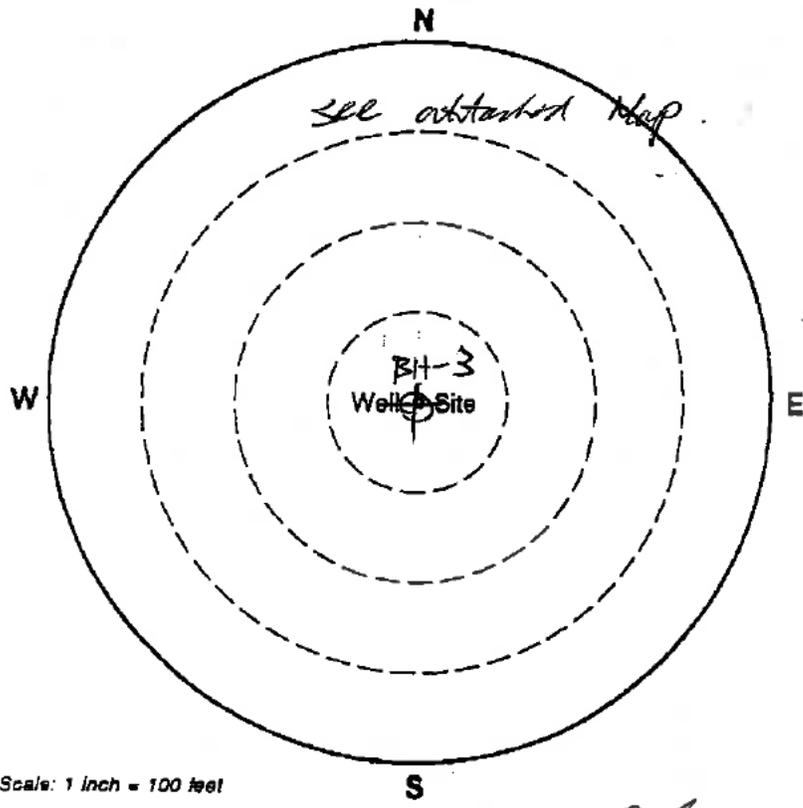


See attached Map

10. LOCATION INFORMATION: 305 E-1  
(a) Township:  
Tier 6 N/S Range 5 E/W Section 12  
(b) Assessor's Parcel No. 46806111  
(c) Latitude and Longitude  
Lat: \_\_\_\_\_ " N/S  
Long: \_\_\_\_\_ " E/W  
(d) Solid or Liquid Disposal Site within Two Miles  
 Yes  No  
Location \_\_\_\_\_  
No. M.A.V. \_\_\_\_\_

DO NOT FILL IN

Seal \_\_\_\_\_  
Cap \_\_\_\_\_  
Check Valve \_\_\_\_\_  
Electricals \_\_\_\_\_  
Slab \_\_\_\_\_  
Tag \_\_\_\_\_  
Building & Safety Notified \_\_\_\_\_



11. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewers, septic tanks, leaching fields, seepage pits, cesspools), lakes and ponds, watercourses and animals or fowl kept.

(b) Indicate the distance, in feet, of any of the following which are within 200 ft. of the well site:

- Other \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Watercourses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

C-57 Contractor's Signature \_\_\_\_\_ Date 11/6/97  
 County Registration No. #137 California License No. 506102

DISPOSITION OF PERMIT  
(For Department Use Only)

- Sent to Water Agency for review.
- Water Agency conditions or recommendations attached.
- Denied \_\_\_\_\_

Approved subject to the following:  
 A.  Notify the Department, Stephen Reynolds (909) 387-4666, twenty-four (24) hours in advance

- to make an inspection of the following operations:
- Prior to sealing of the annular space or filling of the conductor casing.
  - After installation of the surface protective slab and pumping equipment.
  - During destruction of wells, prior to pouring the sealing material.

B.  Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacterial Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**DO NOT FILL IN**

Permit Number 022796SDV  
 Expiration 2-27-97  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

**DO NOT FILL IN**

Date 2-27-96  
 Amount \$ 175.00  
 Receipt Number 12-16-VV  
 By Becky

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address Same as above  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number (\_\_\_\_) \_\_\_\_\_

Items 6 through 10 to be estimated for new wells, exact for all other wells.

**ANNULAR SEAL:** Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ In., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_ Thickness \_\_\_\_\_ in.

2. WELL DRILLER:  
 Contractor Converse Consultants Inland Emp. Co.  
 Date Start 2-28-96  
 Date Complete 3-8-96

6. DEPTH OF WELL (feet):  
 Proposed 35 Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 8

3. WELL USE (check):  
 Community  Horizontal  Other  
 Individual  Test  
 Agricultural  Monitoring  
 Dety  Public Water Supply

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	10'	2"	
25	35	2"	

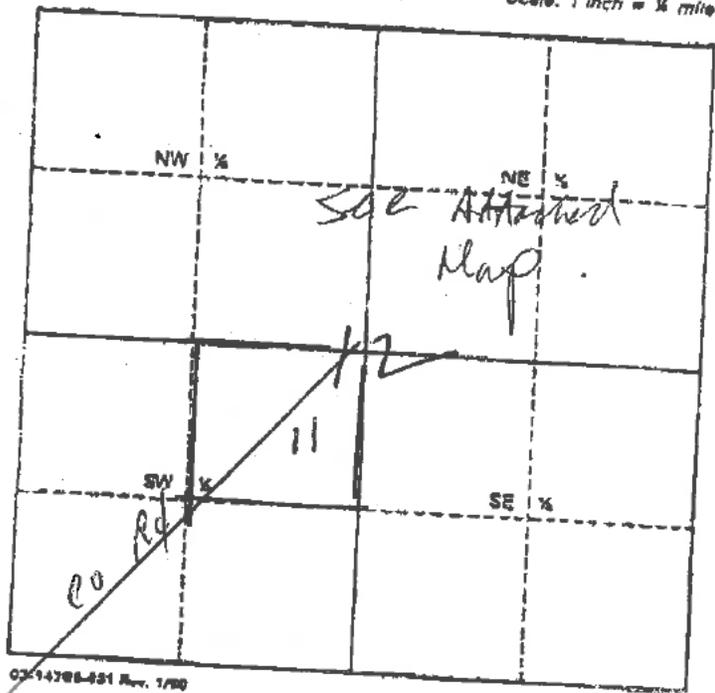
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. GRAVEL PACK:  Yes  No  
 From 7' to 35' ft. SAND

8. PERFORATIONS (if applicable):  
 From 10' to 25' ft. 4 1/2" slotted

9. SEALED ZONES (if applicable):  
 From 5' to 7' ft.

**SECTION MAP - DO NOT FILL IN** Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION:  
 (a) Township 6 N/S Range 5 EW  
 Section 12  
 (b) Assessor's Parcel No. 46806111  
 (c) Solid or liquid waste disposal site within two miles?  
 Yes  No  
 Location 30501

(Continue on reverse side)

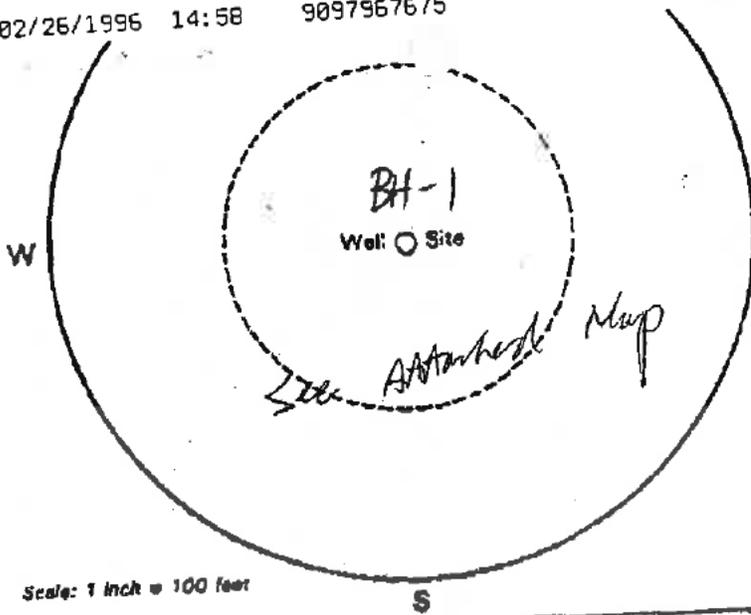
NJ MAV

**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building and Safety Notified \_\_\_\_\_

11. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems



fields, seepage pits, cesspools, lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Water courses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Contractor's Signature \_\_\_\_\_  
 Date 2/26/96  
 Reg. No. 9208310014

**DISPOSITION OF PERMIT**  
 (For Department Use Only)

Denied

Approved subject to the following: 619 242814 \_\_\_\_\_ twenty-four (24) hours in advance

- A.  Notify the Department, \_\_\_\_\_ to make an inspection of the following operations:
- Prior to sealing of the annular space or filling of the conductor casing.
  - After installation of the surface protective slab and pumping equipment.
  - During destruction of wells, prior to pouring the sealing material.

- B. Submit to the Department, within thirty (30) days after completion of work, a copy of:
- Water Well Driller's Report
  - Radiological Analysis
  - Bacteriological Analysis
  - General Mineral
  - Inorganic Chemical Analysis
  - Organic Chemical Analysis
  - General Physical

Comments \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**DO NOT FILL IN**

Permit Number 09279651V  
 Expiration 2-28-97  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

**DO NOT FILL IN**

Date 2-27-96  
 Amount \$ 175.00  
 Receipt Number 12-18-VV  
 By [Signature]

VK NW BH-2

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address Same as above  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

Items 6 through 10 to be estimated for new wells, exact for all other wells.

5. ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ In., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_ Thickness \_\_\_\_\_ in.

2. WELL DRILLER:  
 Contractor Converse Consultants Inland Empire  
 Date Start 2-28-96  
 Date Complete 3-8-96

6. DEPTH OF WELL (feet):  
 Proposed 30 Existing \_\_\_\_\_  
 DIAMETER OF BORE (In.): \_\_\_\_\_

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (In.)	Well (Gage)

3. WELL USE (check):  
 Community  Horizontal  Other  
 Individual  Test  
 Agricultural  Monitoring  
 Dairy  Public Water Supply

GRAVEL PACK:  Yes  No  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

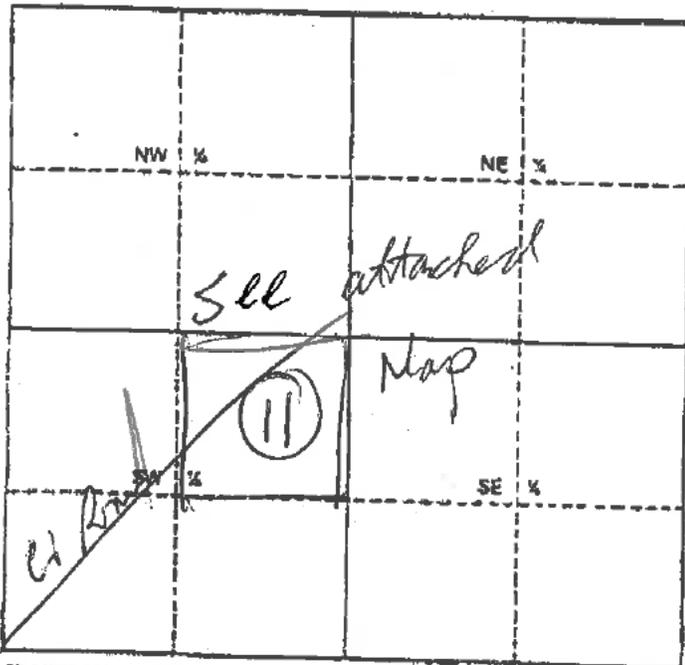
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable):  
 From 5' to 2.5' ft. 2.5' - 30' / 50'

**SECTION MAP - DO NOT FILL IN**

Scale: 1 inch = 1/4 mile



**10. LOCATION INFORMATION:**

(a) Township 60 N Range 5 E  
 Section 12  
 (b) Assessor's Parcel No. 46806111  
 (c) Solid or liquid waste disposal site within two miles?  
 Yes  No  
 Location 305 D 1

(Continue on reverse side)

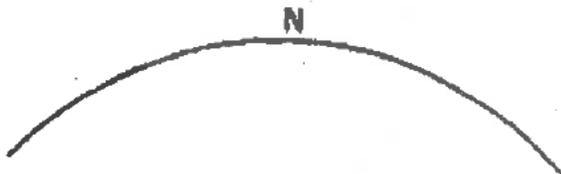
NJ MX V

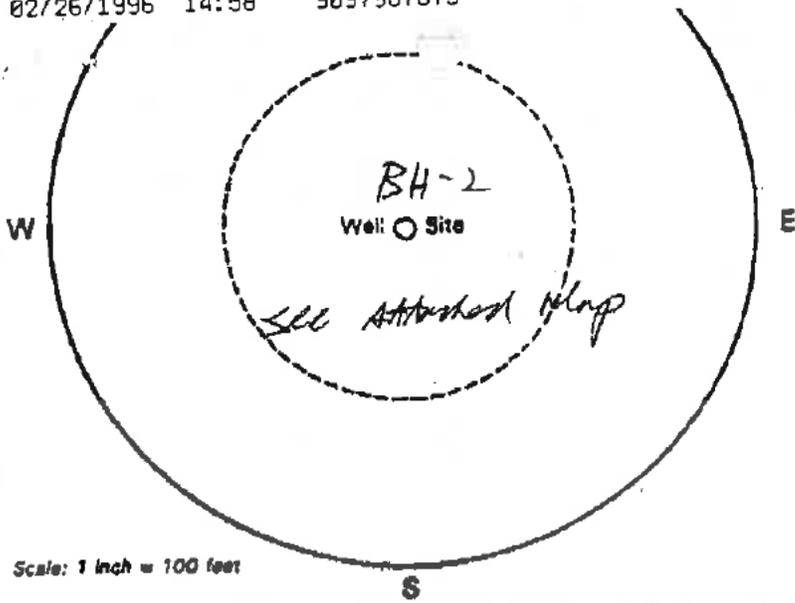
**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Sies \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building and Safety Notified \_\_\_\_\_

**11. PLOT PLAN:**

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewer, septic tanks, leach-





fields, storage pits, cesspools, lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Storage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Water courses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Contractor's Signature \_\_\_\_\_  
 Date 2/16/96  
 Reg. No. 9208310014

DISPOSITION OF PERMIT (For Department Use Only)

Denied

Approved subject to the following:

A.  Notify the Department, 619 243 874 twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacteriological Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_

385 North Arrowhead Avenue, San Bernardino, CA 91505-0160

**DO NOT FILL IN**

Permit Number 02279652

Expiration 2-27-97

FF \_\_\_\_\_

FA \_\_\_\_\_

SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

1/1 WW BH-3

**DO NOT FILL IN**

Date 2-27-96

Amount \$ 179.00

Receipt Number 1248 VV

By Boeking

1. OWNER: Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Site Address Same as above

City \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number \_\_\_\_\_

2. WELL DRILLER:

Contractor Converse Consultants Inland Empire

Date Start 2-28-96

Date Complete 3-8-96

3. WELL USE (check):

Community  Horizontal  Other

Individual  Test

Agricultural  Monitoring

Dairy  Public Water Supply

4. TYPE OF WORK (check):

New  Reconstruction  Destruction

Items 6 through 10 to be estimated for new wells, exact for all other wells.

5. ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.

Furnished by:  Owner  Contractor

Driven Conductor Dis. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_

Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

6. DEPTH OF WELL (feet):

Proposed 30 Existing \_\_\_\_\_

DIAMETER OF BORE (in.): \_\_\_\_\_

7. CASING INSTALLED:

Steel  Plastic  Other

From (ft.)	To (ft.)	Dis. (in.)	Wall (Gage)

GRAVEL PACK:  Yes  No

From \_\_\_\_\_ to \_\_\_\_\_ ft.

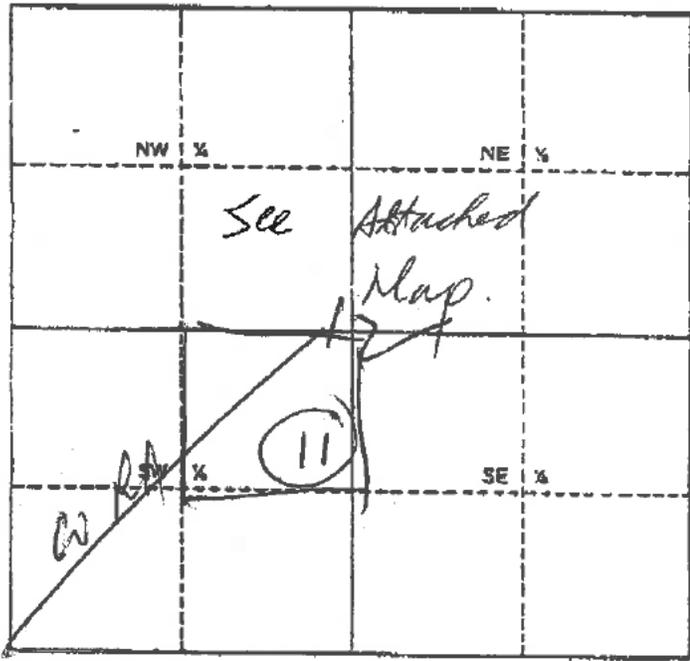
8. PERFORATIONS (if applicable):

From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable): grout

From 5' to 25' ft. 5'-5' 25'-30' 50'

SECTION MAP - DO NOT FILL IN Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION:

(a) Township 6 N Range 5 E

Section 12

(b) Assessor's Parcel No. 46806111

(c) Solid or liquid waste disposal site within two miles?

Yes  No

Location 305 D1

(Continue on reverse side)

**DO NOT FILL IN**

Seal \_\_\_\_\_

Cap \_\_\_\_\_

Check Valve \_\_\_\_\_

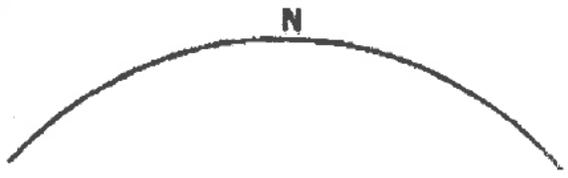
Electricals \_\_\_\_\_

Slab \_\_\_\_\_

Tap \_\_\_\_\_

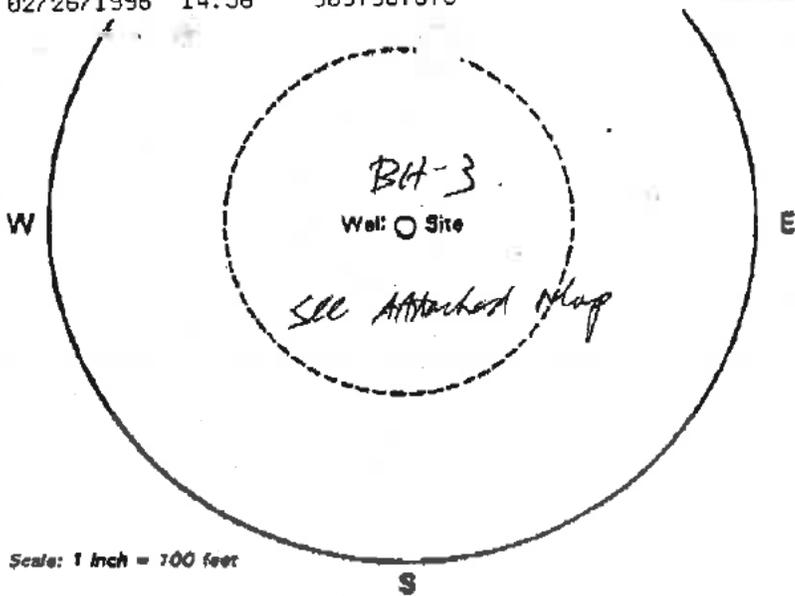
Building and Safety Notified \_\_\_\_\_

03-14750-481 Rev. 1/88



11. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage diaphragm systems (sewer main, manholes, etc.)



fields, seepage pits, cesspools, lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Water courses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Contractor's Signature \_\_\_\_\_

Date 2/26/96

Reg. No. 9208310014

DISPOSITION OF PERMIT  
(For Department Use Only)

Denied \_\_\_\_\_

Approved subject to the following:

A.  Notify the Department, 619 243-8147 twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of walls, prior to pouring the sealing material.

B. Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacteriological Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_

**DO NOT FILL IN**

Permit Number 022796531

Expiration 2-27-97

FF \_\_\_\_\_

FA \_\_\_\_\_

SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

WVWV BH-4

**DO NOT FILL IN**

Date 2-27-96

Amount \$ 1750

Receipt Number 1218VV

By Backley

1. OWNER: Name \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_ Zip \_\_\_\_\_

Site Address Same as above

City \_\_\_\_\_ Zip \_\_\_\_\_

Telephone Number \_\_\_\_\_

2. WELL DRILLER:

Contractor Converse Consultants, Inc. (Imp.)

Date Start 2-28-96

Date Complete 3-8-96

3. WELL USE (check):

Community  Horizontal  Other

Individual  Test

Agricultural  Monitoring

Dairy  Public Water Supply

4. TYPE OF WORK (check):

New  Reconstruction  Destruction

Items 6 through 10 to be estimated for new wells, exact for all other wells.

5. ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.

Furnished by:  Owner  Contractor

Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_

Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

6. DEPTH OF WELL (feet):

Proposed 40 Existing \_\_\_\_\_

DIAMETER OF BORE (in.): \_\_\_\_\_

7. CASING INSTALLED:

Steel  Plastic  Other

From (ft.)	To (ft.)	Dis. (in.)	Wall (Gage)

GRAVEL PACK:  Yes  No

From \_\_\_\_\_ to \_\_\_\_\_ ft.

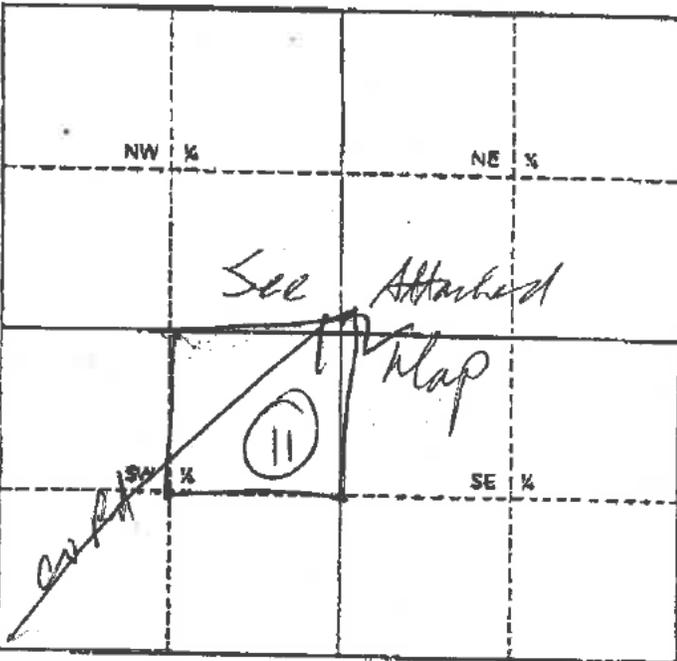
8. PERFORATIONS (if applicable):

From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable):

From 5' to 25' ft. gROUT 0-5' > 5-10' > 10-15'

**SECTION MAP - DO NOT FILL IN** Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION:

(a) Township 6 N Range 5 E Section 12

(b) Assessor's Parcel No. 46806111

(c) Solid or liquid waste disposal site within two miles?  
 Yes  No  
Location 305 D 1

(Continue on reverse side)

**DO NOT FILL IN**

Seal \_\_\_\_\_

Cap \_\_\_\_\_

Check Valve \_\_\_\_\_

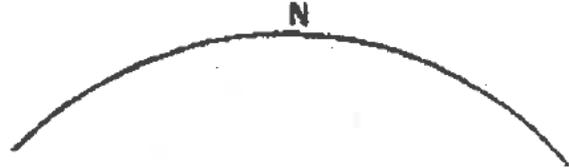
Electricals \_\_\_\_\_

Sign \_\_\_\_\_

Tag \_\_\_\_\_

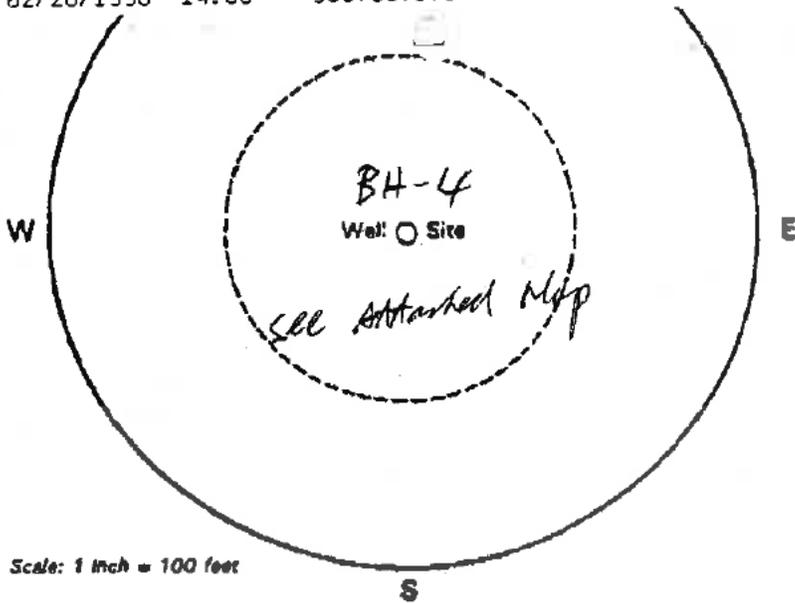
Building and Safety Notified \_\_\_\_\_

02-14788-001 Rev. 1/90



11. PLOT PLAN:

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems, features, etc.



fields, seepage pits, cesspools, lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Water courses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

Scale: 1 inch = 100 feet

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Contractor's Signature \_\_\_\_\_

Date 2/26/96

Reg. No. 9208310014

DISPOSITION OF PERMIT (For Department Use Only)

Denied \_\_\_\_\_

Approved subject to the following: 6192435141

A.  Notify the Department, \_\_\_\_\_, twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Radiological Analysis
- Bacteriological Analysis
- General Mineral
- Inorganic Chemical Analysis
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DO NOT FILL IN**

Permit Number 02279654W  
 Expiration 2-27-97  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

**DO NOT FILL IN**

Date 2-27-96  
 Amount 175<sup>00</sup>  
 Receipt Number 1215<sup>00</sup>  
 By [Signature]

1. OWNER: Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address Same as above  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

Items 8 through 10 to be estimated for new wells, exact for all other wells.

5. ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Wall (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER:  
 Contractor Converse Consultants, Inland Empire  
 Date Start 2-28-96  
 Date Complete 3-8-96

6. DEPTH OF WELL (feet):  
 Proposed 40' Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): 8

7. CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dis. (in.)	Wall (Gage)
0	10	2"	
30	40	2"	

3. WELL USE (check):  
 Community  Horizontal  Other  
 Individual  Test  
 Agricultural  Monitoring  
 Dairy  Public Water Supply

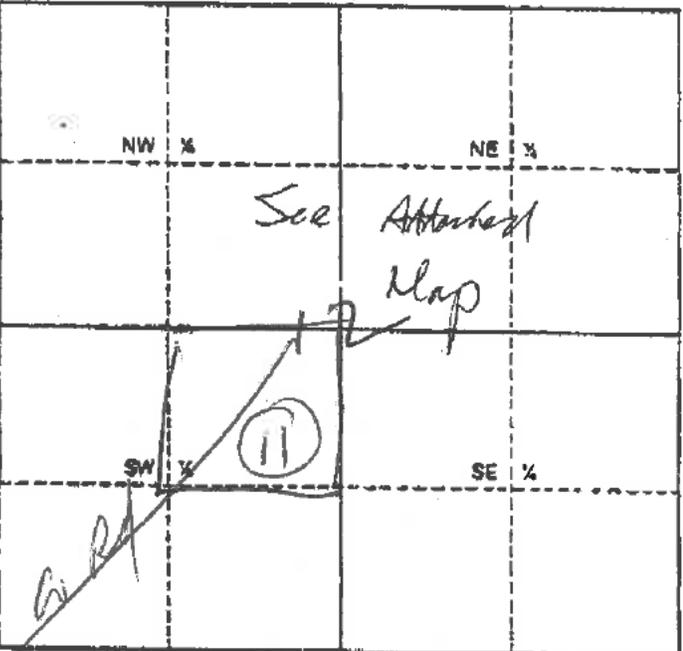
GRAVEL PACK:  Yes  No  
 From 7 to 40 ft. same

4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From 10 to 30 ft. 0.02" slotted

9. SEALED ZONES (if applicable):  
 From 5' to 7' ft.

**SECTION MAP - DO NOT FILL IN** Scale: 1 inch = 1/4 mile



10. LOCATION INFORMATION:  
 (a) Township 6 N/S Range 5 E/W  
 Section 12  
 (b) Assessor's Parcel No. 468 041 11  
 (c) Solid or liquid waste disposal site within two miles?  
 Yes  No  
 Location 305 D 1

(Continue on reverse side)

No MAW

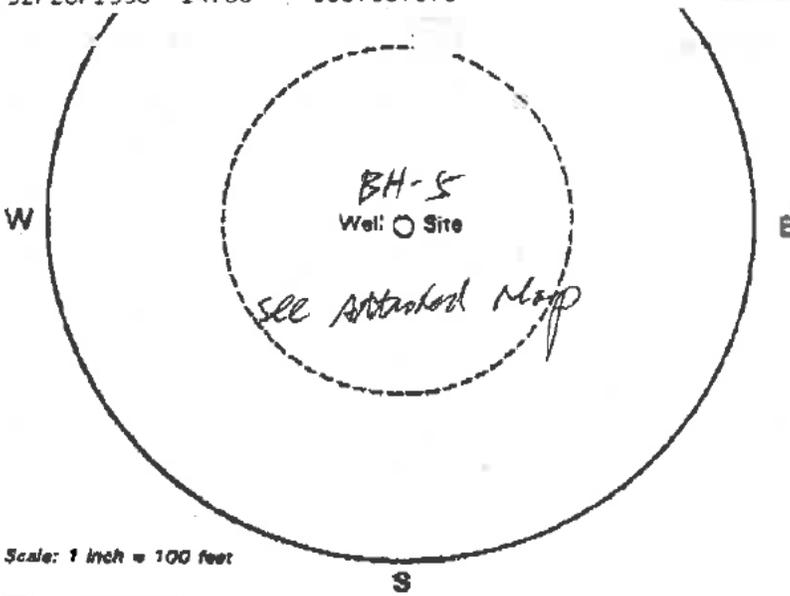
**DO NOT FILL IN**

Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Silt \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building and Safety Notified \_\_\_\_\_

05-14704-431 Rev. 1/80



11. PLOT PLAN:  
 (a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal system



fields, seepage pits, cesspools, lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Water courses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Contractor's Signature \_\_\_\_\_

Date 2/26/96

Reg. No. 9208310014

DISPOSITION OF PERMIT (For Department Use Only)

Denied \_\_\_\_\_

Approved subject to the following: 619 243 81 97

A.  Notify the Department, \_\_\_\_\_ twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Bacteriological Analysis
- Inorganic Chemical Analysis
- Radiological Analysis
- General Mineral
- Organic Chemical Analysis
- General Physical

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DO NOT FILL IN**

Permit Number 02279655V  
 Expiration 2-27-97  
 FF \_\_\_\_\_  
 FA \_\_\_\_\_  
 SN \_\_\_\_\_

**WELL PERMIT**  
(Please Print)

*VVWW BH-6*

**DO NOT FILL IN**

Date 2-27-96  
 Amount \$ 1750  
 Receipt Number 1218VV  
 By Beckley

1. OWNER: Name \_\_\_\_\_  
 Mailing \_\_\_\_\_  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Site Address Same as Above  
 City \_\_\_\_\_ Zip \_\_\_\_\_  
 Telephone Number \_\_\_\_\_

5. ANNULAR SEAL: Seal Depth \_\_\_\_\_ ft.  
 Furnished by:  Owner  Contractor  
 Driven Conductor Dia. \_\_\_\_\_ in., Well (Gage) \_\_\_\_\_  
 Sealing Material \_\_\_\_\_, Thickness \_\_\_\_\_ in.

2. WELL DRILLER:  
 Contractor Converse Consultants Inland Empire  
 Date Start 2-28-96  
 Date Complete 3-8-96

6. DEPTH OF WELL (feet):  
 Proposed 30' Existing \_\_\_\_\_  
 DIAMETER OF BORE (in.): \_\_\_\_\_

3. WELL USE (check):  
 Community  Horizontal  Other  
 Individual  Test  
 Agricultural  Monitoring  
 Dairy  Public Water Supply

CASING INSTALLED:  
 Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Well (Gage)

GRAVEL PACK:  Yes  No  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

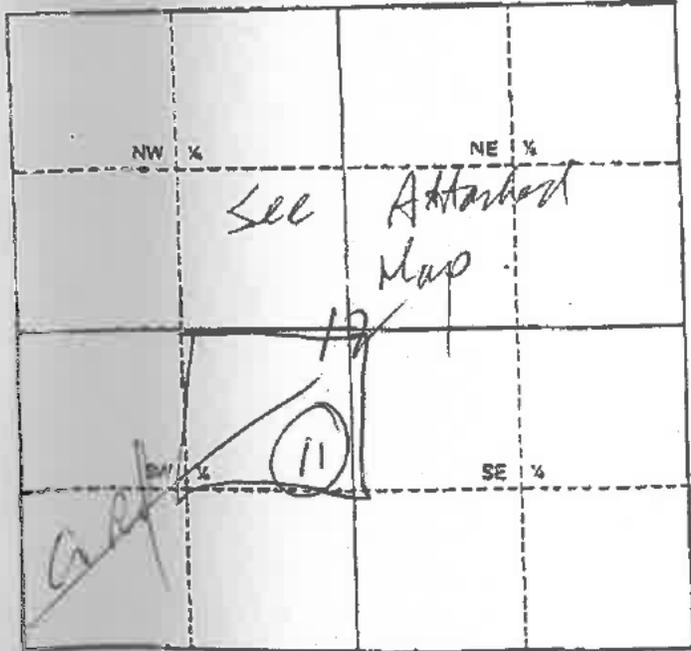
4. TYPE OF WORK (check):  
 New  Reconstruction  Destruction

8. PERFORATIONS (if applicable):  
 From \_\_\_\_\_ to \_\_\_\_\_ ft.

9. SEALED ZONES (if applicable): Grout 0-5' > Soil  
 From 5' to 25' ft. > 25'

**SECTION MAP - DO NOT FILL IN**

Scale: 1 inch = 1/4 mile



**10. LOCATION INFORMATION:**

(a) Township 6 N Range 5 W  
 Section 12  
 (b) Assessor's Parcel No. C16806111  
 (c) Solid or liquid waste disposal site within two miles?  
 Yes  No  
 Location 305 D1

(Continue on reverse side)

**DO NOT FILL IN**

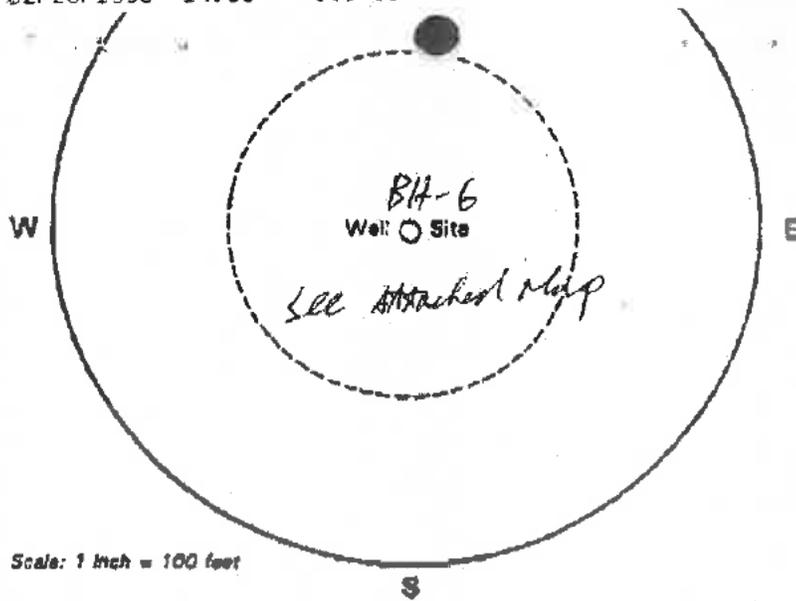
Seal \_\_\_\_\_  
 Cap \_\_\_\_\_  
 Check Valve \_\_\_\_\_  
 Electricals \_\_\_\_\_  
 Slab \_\_\_\_\_  
 Tag \_\_\_\_\_  
 Building and Safety Notified \_\_\_\_\_

03-14785-421 Rev. 1/90



**11. PLOT PLAN:**

(a) In perspective to the well site, sketch and label the following items: well lot property lines, other wells (include abandoned wells), sewage disposal systems (sewage disposal tanks, etc.)



Scale: 1 inch = 100 feet

fields, seepage pits, cesspools, lakes and ponds, water courses and animals or fowl kept.

(b) Indicate the distance in feet, of any of the following which are within 200 ft. of the well site:

- Other wells \_\_\_\_\_
- Sewers \_\_\_\_\_
- Septic tanks \_\_\_\_\_
- Leaching fields \_\_\_\_\_
- Seepage pits \_\_\_\_\_
- Cesspools \_\_\_\_\_
- Lakes and ponds \_\_\_\_\_
- Water courses \_\_\_\_\_
- Animals or fowl kept \_\_\_\_\_

(c)  None of the above are within 200 feet of the well site.

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Contractor's Signature \_\_\_\_\_

Date 2/26/96

Reg. No. 9208310014

DISPOSITION OF PERMIT  
(For Department Use Only)

Denied \_\_\_\_\_

Approved subject to the following: 219 243 8141

A.  Notify the Department, \_\_\_\_\_, twenty-four (24) hours in advance to make an inspection of the following operations:

- Prior to sealing of the annular space or filling of the conductor casing.
- After installation of the surface protective slab and pumping equipment.
- During destruction of wells, prior to pouring the sealing material.

B. Submit to the Department, within thirty (30) days after completion of work, a copy of:

- Water Well Driller's Report
- Radiological Analysis
- General Mineral
- Bacteriological Analysis
- Organic Chemical Analysis
- Inorganic Chemical Analysis
- General Physical

Comments \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# SAN BERNARDINO COUNTY FIRE PROTECTION DISTRICT

620 South "E" Street • San Bernardino, CA 92415-0153 • (909) 386-8401 • Fax (909) 386-8460

Office of the Fire Marshal  
Hazardous Materials Division  
sbcfire.org

Daniel R. Munsey  
Fire Chief/Fire Warden

Michael A. Horton  
Fire Marshal/Deputy Fire Warden

September 9, 2022

22090204 Victorville RAL Trinity Consultants

**TRINITY CONSULTANTS  
20 CORPORATE PARK, STE. 285  
IRVINE, CA 92606**

**ATTENTION: TIFFANY WANG**

**SUBJECT: CERTIFIED RECORD SEARCH FINDINGS  
2011 SHAY ROAD, VICTORVILLE, CALIFORNIA**

This is to confirm that the San Bernardino County Hazardous Materials Division has identified records that may pertain to the subject site, as described in your request for records search.

The file(s) shown below have been retrieved for review. If you wish to view the original documents, please e-mail this office at [hazmatrecords@sbcfire.org](mailto:hazmatrecords@sbcfire.org) to arrange an appointment.

**ACTIVE PERMIT FACILITIES:** (Regulatory files for facilities with annual operating permits to maintain underground storage tanks, handle hazardous materials, and/or generate hazardous waste. Files include permits, inspections, reports, test results, correspondence, and related materials. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities still in operation).

Victor Valley Wastewater Reclamation Authority  
20111 Shay Rd  
Victorville

FA0007172 ~ Est # 86010466 ~ CERS ID 10403029  
VV Est # 36-072-990017  
Small Quantity Generator Permit  
Hazardous Materials 4-10 Chemicals Handler Permit  
APSA 1,320-10,000 Gal. Fac. Capacity Permit  
(Last CERS Submission: 4/12/2022)

**INACTIVE PERMIT AND/OR NON-PERMIT FACILITIES:** (Inactive regulatory files for formerly permitted facilities that maintained underground storage tanks, stored hazardous materials, and/or generated hazardous waste and/or facilities with underground storage tanks removed and/or materials and waste removed. Files will also include any underground tank removal/construction activity records and site remediation/contamination records for facilities no longer operating underground tanks).

No record of inactive permit and/or non-permit facilities identified in this search.

## **PERMITS TO REMOVE/INSTALL/MODIFY UNDERGROUND STORAGE TANKS:**

No record of permits to remove/install/modify underground storage tanks identified in this search.

### BOARD OF DIRECTORS

Col. Paul Cook (Ret.)

Janice Rutherford

Dawn Rowe

Curt Hagman

Joe Baca Jr.

Leonard X. Hernandez  
Chief Executive Officer

First District

Second District

Vice Chair, Third District

Chairman, Fourth District

Fifth District

**HAZARDOUS MATERIAL INCIDENT AND/OR COMPLAINT RESPONSE ACTIVITY:** (other records of spill notifications and/or complaints not listed below may also exist in facility permit files).

Victor Valley Wastewater Reclamation Authority 20111 Shay Rd Victorville	CO0032365 1/28/2016 Notification of a power outage that caused the pumps to malfunction resulting in the release of 100,000 gallons of secondary treated sewage. The release went onto the ground and into a storm drain leading to the Mojave River. The release was contained and clean-up was conducted.
Victor Valley Waste Water 20111 Shay Rd Victorville	Case # 902200185 6/6/1990 Complaint of 10-12 55 gallon drums in the back of the property. Site was inspected on 6/14/1990. Case closed.
VV Waste Water Treatment Plant 20111 Shay Rd Victorville	CO0007270 ~ Case # 892200121 6/1/1989 On 5/30, about one pound of chlorine gas was released due to a faulty valve. Incident was immediately taken care of. Case closed.
Victor Valley Wastewater Reclamation Authority 20111 Shay Rd Victorville	CO0028454 4/28/2011 Caller states release of wastewater with 4.14 PPM of chlorine residual. Caller states reservoir overflowed and was a 21 minute overflow. Release entered the Mojave River. Case closed.

**SITE REMEDIATION:** (Underground Storage Tank Clean-Up under Local Oversight Program or Voluntary Hazardous Waste Clean-Up activity under Local Jurisdiction) (documents may be included in regular active or inactive permit files listed above).

Victor Valley Wastewater Facility 20111 Shay Rd Victorville	RO0000327 ~ Site # 92044 ~ T0607100790 Release of motor/hydraulic/lubricating/waste oil discovered during tank closure on 9/18/1992. Leak stopped on 9/18/1992. Case closed 11/23/1992.
-------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Records searched include permit database systems for facilities with permits as hazardous waste generators, hazardous materials handlers, and/or underground storage tanks, including inactive and/or out of business records; logs of permits issued for the removal and/or installation of underground storage tanks; records and databases pertaining to illicit dumping and releases; records of non-permitted facilities; sites undergoing remediation for contaminated soil and/or groundwater; and incidents responded to by the hazardous materials emergency response team. Records searched date back to the mid-1980's. Please note if a facility has completed a submission in CERS, the most recent submission can be made available for review upon request.

**Records consist of 3 files, approximately 1” thick, combined.** You may contact us at [hazmatrecords@sbcfire.org](mailto:hazmatrecords@sbcfire.org) to request and schedule a file review appointment to view the file.

*Christina Rivera*

**Christina Rivera  
Office Specialist  
Office of the Fire Marshal  
Hazardous Materials Division**

**\*We will copy up to 40 pre-selected pages from a file at a charge \$0.25 per page copied. (Be prepared to make this payment at the time of service). If you want a copy of the entire file, we can refer you to a private copy service. If you prefer to bring a portable copier or camera on site, you may do so. Please let us know your plans in advance so we can make the arrangements.**

## **APPENDIX G. PHASE I ESA QUESTIONNAIRE**

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## PHASE I ESA QUESTIONNAIRE

Property: 20111 Shay Road Victorville CA 92394

---

In order to qualify for one of the *Landowner Liability Protections* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "*Brownfields Amendments*"), the *user* must provide the following information (if available) to the *environmental professional*. Failure to provide this information could result in a determination that "*all appropriate inquiry*" is not complete.

1. Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state or local law (40 CFR 312.25)?

NO  YES If yes, please explain:

2. Are you aware of any activity and land use limitations, such as *engineering controls*, land use restrictions or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law (40 CFR 312.26)?

NO  YES If yes, please explain:

3. As the *user* of this *ESA* do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business (40 CFR 312.28)?

NO  YES If yes, please explain: We are aware of several contaminant plumes from the old George Air Force Base that are impacting the water table in and around our facility.

4. Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the *property* (40 CFR 312.29)?

NO  YES If yes, please explain: N/A this land will be leased to Anaergia

5. Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases (40 CFR 312.30)? For example,

- (a.) Do you know the past uses of the *property*?
- (b.) Do you know of specific chemicals that are present or once were present at the *property*?
- (c.) Do you know of spills or other chemical releases that have taken place at the *property*?
- (d.) Do you know of any environmental cleanups that have taken place at the *property*?

NO  YES If yes, please explain: Past use of the property was an alfalfa and cattle ranch. We are not aware of any chemical spills or clean-ups that have taken place prior to or since VVRWA has occupied this land. We are aware of the chemical types and location on this property utilized by VVRWA operations and have provided you with information on locations, quantities and types of chemicals.

6. As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property* (40 CFR 312.31)?

   NO   X   YES If yes, please explain: We are aware of the contaminant plumes from the old George Air Force Base which are impacting our on site wells.

Helpful Documents Checklist

Pursuant to ASTM E 1527-13 §10.8, do you know whether any of the following documents exist related to the subject property and, if so, whether copies can or will be provided to the environmental professional? Check all that apply:

- Environmental site assessment reports
- Environmental compliance audit reports
- Geotechnical studies
- Reports regarding hydrogeologic conditions on the property or surrounding area
- Registrations for above or underground storage tanks or for underground injection systems
- SPCC or facility response plans
- Safety data sheets
- Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens or AULs encumbering the property
- Environmental permits, e.g. solid waste disposal permits; hazardous waste disposal permits, generator notices or reports; wastewater permits; NPDES permits; or underground injection permits
- Risk assessments

Name (Print) Darron Poulsen

Signature 

Title General Manager

Date August 23, 2022

Representing VVWRA

Address 20111 Shay Road Victorville Ca 92394

Phone Number 760-246-8638

Email Address Dpoulsen@vvwra.com

## **APPENDIX H. ENVIRONMENTAL PROFESSIONALS**

---

**APPENDIX 7**

**HYDROLOGY REPORT**



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## FIGURES

Figure 1: Proposed Site Map (by others)

Figure 2: VVBF Layout (by others)

## APPENDICES

Appendix A: Site Plans

Appendix B: Hydrology Calculations

Appendix C: Water Quality Calculations

Appendix D: Supporting Documents

## **I. INTRODUCTION**

### **A. PROJECT SITE DESCRIPTION**

The Victor Valley Wastewater Reclamation Authority (VWVRA) Regional Wastewater Treatment Plant, located at 20111 Shay Road in Victorville, California, is an existing facility located approximately four miles east of Highway 395 and seven miles west of Highway 15. The facility consists of an administrative building, paved parking areas, plus several areas pertinent to water reclamation processes. The facility is relatively level, with elevation ranges from 2,590 to 2,700 feet above mean sea level. Surface drainage at the site generally flows southeasterly to a storm drain system that discharges via an outfall in the Mojave River.

Victor Valley Bioenergy Facility, LLC is proposing a Wet Fraction Anaerobic Digestion (AD) facility, a biosolids processing facility, and a solar farm expansion to the existing treatment plant. The AD and biosolids processing facility will occupy approximately 10 acres of the existing facility.

### **B. PURPOSE AND SCOPE**

The purpose of this preliminary study is to analyze the pre- and post-development drainage conditions in order to provide adequate drainage facilities for the proposed project. This report is meant to support the initial conceptual planning level phase of the project. A more detailed analysis will be conducted to support grading plans.

## **II. EXISTING TOPOGRAPHIC AND HYDROLOGIC CONDITIONS**

### **A. EXISTING TOPOGRAPHY**

As stated above, the facility is relatively level, with elevation ranges from 2,590 to 2,700 feet above mean sea level. Surrounding topography includes higher elevations to the north and west of the facility. The Mojave River is near the eastern boundary of the existing facility. The proposed expansion is meant to be developed primarily in three of the evaporation ponds along the western edge of the existing facility. A soils report from the Natural Resources Conservation Service shows the soils in the area are a part of the hydrologic soil group A (Appendix D).

### **B. EXISTING DRAINAGE PATTERN**

Surface drainage at the site generally flows southeasterly to a storm drain system that discharges via an outfall in the Mojave River. There is a potential for stormwater flows emanating offsite to enter the western boundary of the facility. However, the existing facility graded a berm along the western boundary of the facility to direct offsite flows to a wash along the southern boundary of the facility. This wash drains to the east to discharge to the Mojave River.

### **C. EXISTING STORM DRAIN FACILITIES**

The existing facility has an onsite storm drain system that collects and conveys stormwater to the east of the facility. A storm water pump station is designed to handle typical runoff and the first flush of typical storms, redirecting the flows into the treatment system. Stormwater not collected by the pump station is conveyed to an outfall that discharges

to the Mojave River. The area where the expansion is proposed surface flows to the existing facility.

### **III. HYDROLOGIC ANALYSIS**

#### **A. STORM FREQUENCY**

This report will analyze the 100-year storm event for the existing and proposed project conditions.

#### **B. METHODOLOGY**

The County of San Bernardino accepts methodologies and practices as described in the San Bernardino County Hydrology Manual dated August, 1986.

The computer program used for this report to perform hydrologic calculations is the CivilCadd/Civil Design Engineering Software, Version 9.0 program packaged in 2014 by Bondiman and Associates, Inc. Civil Design's Rational Method Program was used to determine all peak runoff in this report. This software has been identified as acceptable software within the County of San Bernardino. Calculations are provided in Appendix B.

### **IV. PROPOSED DRAINAGE FACILITIES**

#### **A. HYDROLOGIC CONTROLS**

The existing facility utilizes a berm along the western boundary of the facility to prevent run-on of stormwater emanating from the hills to the west of the facility. An access road is proposed surrounding the expansion. This access road can be a hydrologic barrier surrounding the facilities on the west, north, and east sides of the expansion. By armoring the western and northern slopes of the raised access road, scouring of the slope can be prevented. This will allow the offsite flows to continue south around the expansion without entering the facility.

The existing condition analysis assumes that the ponds are full and stormwater will flow from the north to the south in the same method as the proposed condition. Analysis of the existing condition shows a discharge of approximately 12 cfs. The proposed site plan includes filling in the evaporation ponds so the equipment pads are relatively flat. It is assumed the equipment pads and surrounding grounds will be approximately 50% impervious, so the discharge in the proposed condition would increase to approximately 16 cfs without mitigation. A 24" storm drain with a slope of 0.5% will have adequate capacity to convey the increased storm flows.

Onsite stormwater can surface flow to a dual-purpose bioretention BMP, which can be utilized to detain peak flows and treat stormwater generated onsite. The BMP is proposed to discharge to the wash along the southern boundary of the facility via an onsite storm drain, joining the offsite flows from the west. This will prevent discharge from the expansion from flowing onto the existing facility. It will also lead to less stormwater being generated by the existing facility and flowing to the existing stormwater pump station.

#### **B. WATER QUALITY CONTROLS**

Utilizing guidance from the Mojave Watershed Water Quality Management Plan Template, a conceptual bioretention facility was designed. A design capture volume was calculated based on historic rainfall data and proposed impervious areas. A bioretention pond with

a footprint of approximately 6,600 square feet would be sufficient to provide water quality treatment for the facility. Calculations are provided in Appendix C.

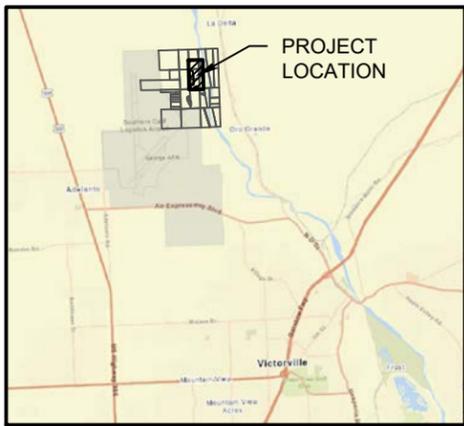
## **V. CONCLUSION**

Based upon this preliminary analysis and the calculations herein, expansion of the existing facility to include the Victor Valley Bioenergy Facility would increase the stormwater discharge emanating from the evaporation beds without mitigation. There are several options that could be utilized to manage stormwater at the proposed facility. Preventing run-on of stormwater emanating from the north and west of the facility will minimize the amount of stormwater flowing through the facility. Stormwater BMPs can be designed to mitigate the increase in peak flow while also providing water quality treatment. Further coordination with the Victor Valley Bioenergy Facility design team will be required to create an approach that best suits the facility operations.

## **VI. REFERENCES**

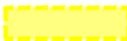
1. San Bernardino County Hydrology Manual (August 1986)
2. San Bernardino County Hydrology Manual Addendum (March 2010)

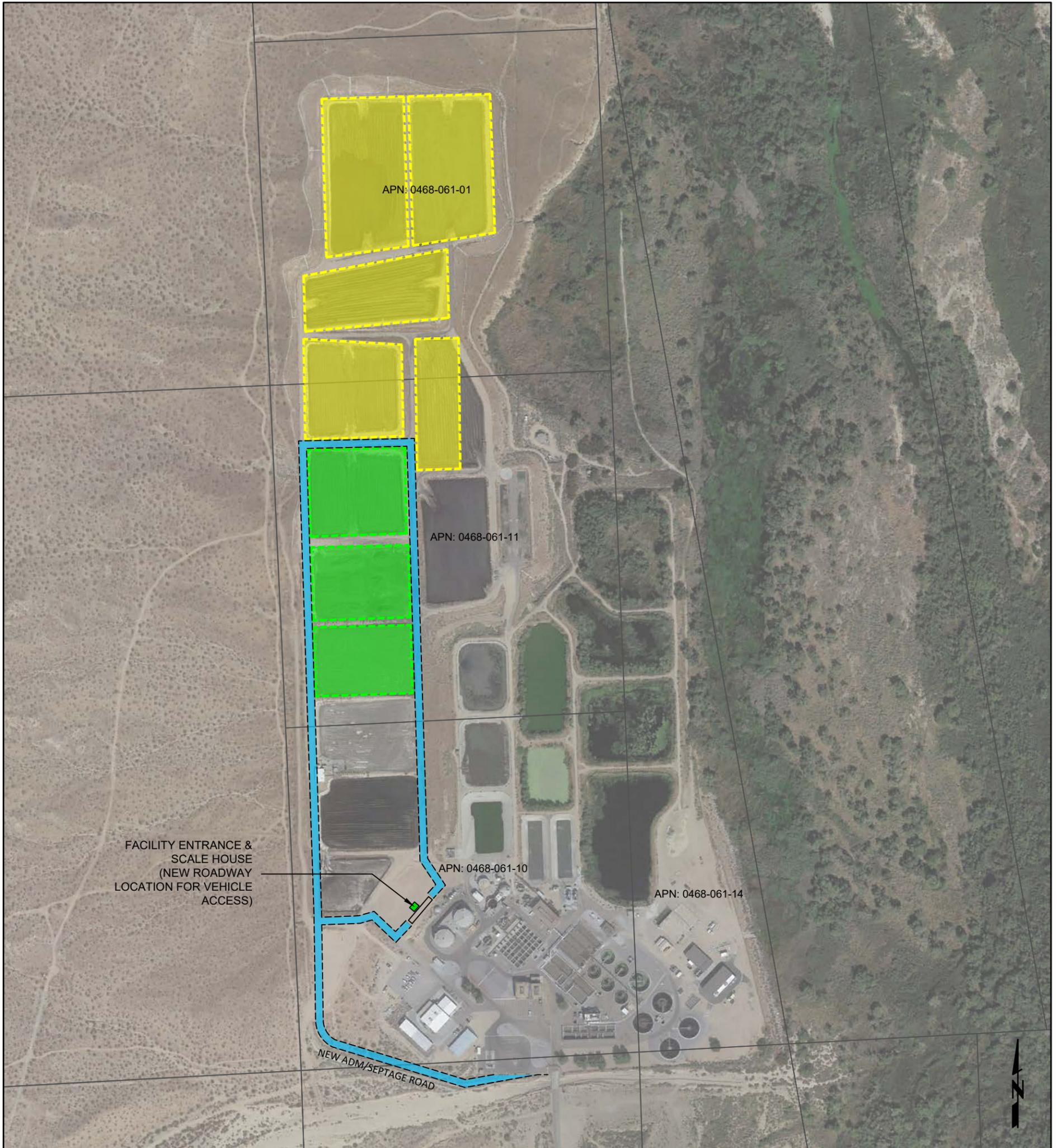
## APPENDIX A



**VICINITY**  
N.T.S.

**LEGEND**

-  VVWRA 4.0 MW SOLAR (~14 ACRES TOTAL)
-  WET FRACTION AD & BIOSOLIDS PROCESSING FACILITY
-  SAN BERNARDINO COUNTY PARCEL BOUNDARIES

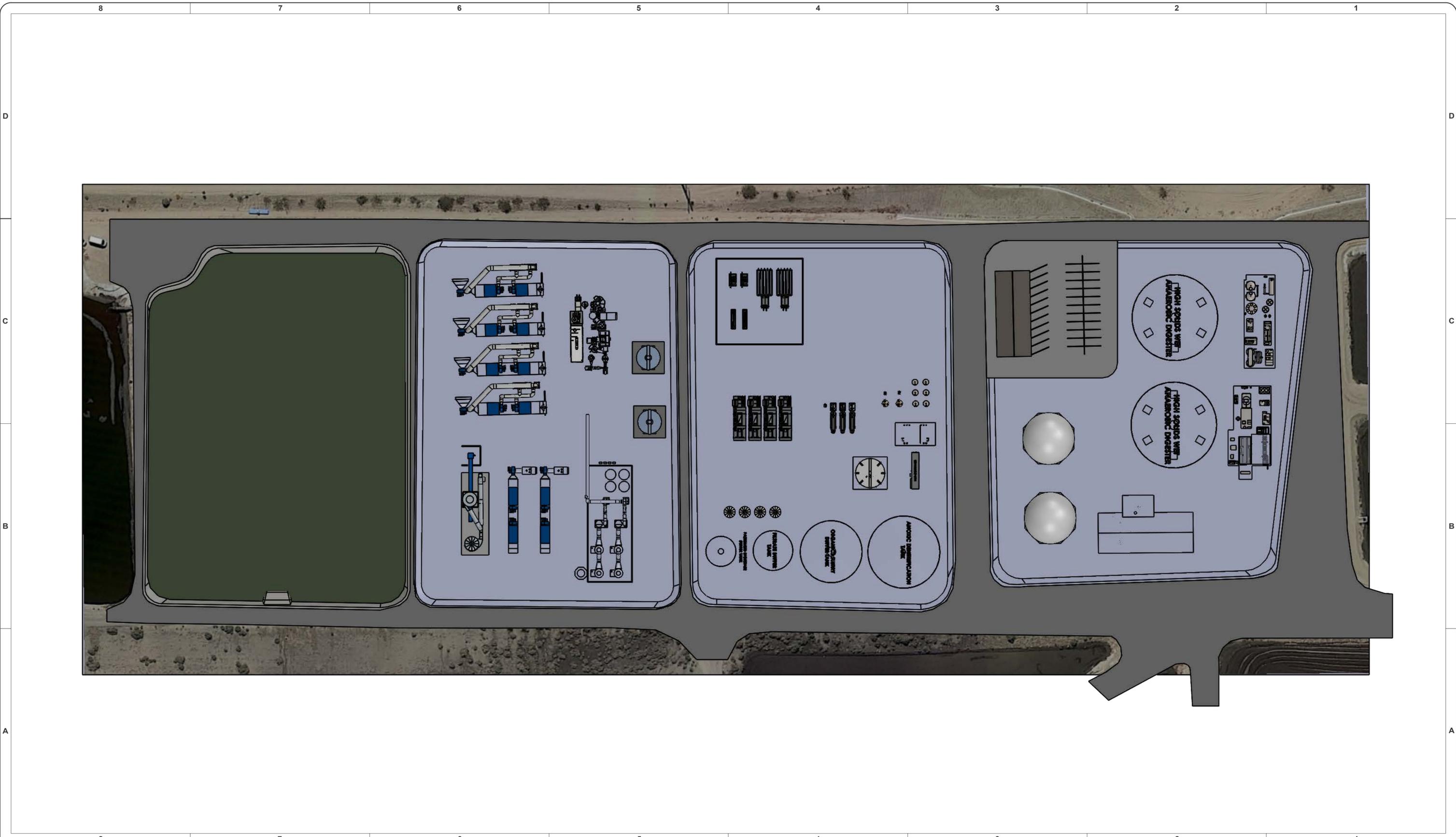


IMAGERY: GOOGLE EARTH, NOVEMBER 2022



**VICTOR VALLEY BIOENERGY FACILITY (VVBf)  
SITE MAP**

PROJECT: BIOFUELS FACILITY  
LOCATION: 20111 SHAY RD. VICTORVILLE, CA 92394



REV NUM	DESCRIPTION	DRWN BY	CHK'D BY	DATE

ATTENTION:  
  
 IF THIS BAR DOES NOT MEASURE 1" @ 22x34 or 1/2" @ 11x17, THEN DRAWING IS NOT TO SCALE - SCALE ACCORDINGLY



The entire content of this drawing and any related documents are and shall remain the intellectual property of Anaergia, Inc., and shall not be used for any commercial or noncommercial purpose except as authorized in written agreement with or other written consent granted by said company.  
 This drawing and all related documents are protected in all forms not known or hereafter developed. Users may not copy, download, use or re-transmit any portion of such drawing or related documents, except as authorized in a written agreement with or other written consent granted by said company.

Tuesday, June 20, 2023

DESIGNED:  
 DRAWN:  
 CHECKED:  
 APPROVED:  
 PROJ. MANAGER:  
 STATUS: PRELIMINARY  
 SCALE: 1:580

**VVBF - Layout**

DRAWING NUMBER  
 SHEET 1 OF 1  
 REV

## APPENDIX B

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2018 Version 9.0  
Rational Hydrology Study Date: 07/30/23

-----  
164-001 VVBF  
Existing Condition  
  
-----

Program License Serial Number 6440  
  
-----

\*\*\*\*\* Hydrology Study Control Information \*\*\*\*\*

-----  
Rational hydrology study storm event year is 100.0  
10 Year storm 1 hour rainfall = 0.561(In.)  
100 Year storm 1 hour rainfall = 0.978(In.)  
Computed rainfall intensity:  
Storm year = 100.00 1 hour rainfall = 0.978 (In.)  
Slope used for rainfall intensity curve b = 0.6000  
Soil antecedent moisture condition (AMC) = 2

+++++  
Process from Point/Station 100.000 to Point/Station 101.000  
\*\*\*\* INITIAL AREA EVALUATION \*\*\*\*

-----  
UNDEVELOPED (poor cover) subarea  
Decimal fraction soil group A = 1.000  
Decimal fraction soil group B = 0.000  
Decimal fraction soil group C = 0.000  
Decimal fraction soil group D = 0.000  
SCS curve number for soil(AMC 2) = 67.00  
Pervious ratio(Ap) = 1.0000 Max loss rate(Fm)= 0.578(In/Hr)  
Initial subarea data:  
Initial area flow distance = 950.000(Ft.)  
Top (of initial area) elevation = 2650.000(Ft.)  
Bottom (of initial area) elevation = 2640.000(Ft.)  
Difference in elevation = 10.000(Ft.)  
Slope = 0.01053 s(%)= 1.05  
TC = k(0.525)\*[(length^3)/(elevation change)]^0.2

Initial area time of concentration = 20.267 min.  
Rainfall intensity = 1.876(In/Hr) for a 100.0 year storm  
Effective runoff coefficient used for area (Q=KCIA) is C = 0.623  
Subarea runoff = 11.676(CFS)  
Total initial stream area = 10.000(Ac.)  
Pervious area fraction = 1.000  
Initial area Fm value = 0.578(In/Hr)  
End of computations, Total Study Area = 10.00 (Ac.)  
The following figures may  
be used for a unit hydrograph study of the same area.  
Note: These figures do not consider reduced effective area  
effects caused by confluences in the rational equation.

Area averaged pervious area fraction(Ap) = 1.000  
Area averaged SCS curve number = 67.0

San Bernardino County Rational Hydrology Program

(Hydrology Manual Date - August 1986)

CIVILCADD/CIVILDESIGN Engineering Software, (c) 1989-2018 Version 9.0  
Rational Hydrology Study Date: 07/31/23

-----  
164-001 VVBF  
Proposed COndition

-----  
Program License Serial Number 6440

-----  
\*\*\*\*\* Hydrology Study Control Information \*\*\*\*\*

-----  
Rational hydrology study storm event year is 100.0  
10 Year storm 1 hour rainfall = 0.561(In.)  
100 Year storm 1 hour rainfall = 0.978(In.)  
Computed rainfall intensity:  
Storm year = 100.00 1 hour rainfall = 0.978 (In.)  
Slope used for rainfall intensity curve b = 0.6000  
Soil antecedent moisture condition (AMC) = 2

+++++  
Process from Point/Station 100.000 to Point/Station 101.000  
\*\*\*\* INITIAL AREA EVALUATION \*\*\*\*

-----  
RESIDENTIAL(5 - 7 dwl/acre)  
Decimal fraction soil group A = 1.000  
Decimal fraction soil group B = 0.000  
Decimal fraction soil group C = 0.000  
Decimal fraction soil group D = 0.000  
SCS curve number for soil(AMC 2) = 32.00  
Pervious ratio(Ap) = 0.5000 Max loss rate(Fm)= 0.489(In/Hr)  
Initial subarea data:  
Initial area flow distance = 950.000(Ft.)  
Top (of initial area) elevation = 2650.000(Ft.)  
Bottom (of initial area) elevation = 2640.000(Ft.)  
Difference in elevation = 10.000(Ft.)  
Slope = 0.01053 s(%)= 1.05  
TC = k(0.389)\*[(length^3)/(elevation change)]^0.2  
Initial area time of concentration = 15.017 min.

Rainfall intensity = 2.245(In/Hr) for a 100.0 year storm  
Effective runoff coefficient used for area (Q=KCIA) is  $C = 0.704$   
Subarea runoff = 15.808(CFS)  
Total initial stream area = 10.000(Ac.)  
Pervious area fraction = 0.500  
Initial area Fm value = 0.489(In/Hr)  
End of computations, Total Study Area = 10.00 (Ac.)  
The following figures may  
be used for a unit hydrograph study of the same area.  
Note: These figures do not consider reduced effective area  
effects caused by confluences in the rational equation.

Area averaged pervious area fraction( $A_p$ ) = 0.500  
Area averaged SCS curve number = 32.0

## APPENDIX C

Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume (DA 1)		
<b>1</b> Project area DA 1 (ft <sup>2</sup> ): <p style="text-align: center;">435,600</p>	<b>2</b> Imperviousness after applying preventative site design practices (Imp%): 0.5	<b>3</b> Runoff Coefficient (Rc): <u>0.3393</u> $R_c = 0.858(\text{Imp}\%)^{0.3} - 0.78(\text{Imp}\%)^{0.2} + 0.774(\text{Imp}\%) + 0.04$
<b>4</b> Determine 1-hour rainfall depth for a 2-year return period P <sub>2yr-1hr</sub> (in): 0.327 <a href="http://hdsc.nws.noaa.gov/hdsc/pfds/so/sca_pfds.html">http://hdsc.nws.noaa.gov/hdsc/pfds/so/sca_pfds.html</a>		
<b>5</b> Compute P <sub>6</sub> , Mean 6-hr Precipitation (inches): 0.4842 <i>P<sub>6</sub> = Item 4 * C<sub>1</sub>, where C<sub>1</sub> is a function of site climatic region specified in Form 3-1 Item 1 ( Desert = 1.2371)</i>		
<b>6</b> Drawdown Rate Use 48 hours as the default condition. Selection and use of the 24 hour drawdown time condition is subject to approval by the local jurisdiction. The necessary BMP footprint is a function of drawdown time. While shorter drawdown times reduce the performance criteria for LID BMP design capture volume, the depth of water that can be stored is also reduced.		24-hrs <input type="checkbox"/> 48-hrs <input checked="" type="checkbox"/>
<b>7</b> Compute design capture volume, DCV (ft <sup>3</sup> ): 11,705 <i>DCV = 1/12 * [Item 1 * Item 3 * Item 5 * C<sub>2</sub>], where C<sub>2</sub> is a function of drawdown rate (24-hr = 1.582; 48-hr = 1.963)</i> Compute separate DCV for each outlet from the project site per schematic drawn in Form 3-1 Item 2		

Form 4.2-2 Summary of Hydromodification Assessment (DA 1)			
Is the change in post- and pre- condition flows captured on-site? : Yes <input type="checkbox"/> No <input type="checkbox"/> If "Yes", then complete Hydromodification assessment of site hydrology for 10yr storm event using Forms 4.2-3 through 4.2-5 and insert results below (Forms 4.2-3 through 4.2-5 may be replaced by computer software analysis based on the San Bernardino County Hydrology Manual- Addendum 1) If "No," then proceed to Section 4.3 BMP Selection and Sizing			
Condition	Runoff Volume (ft <sup>3</sup> )	Time of Concentration (min)	Peak Runoff (cfs)
Pre-developed	<b>1</b> <i>Form 4.2-3 Item 12</i>	<b>2</b> <i>Form 4.2-4 Item 13</i>	<b>3</b> <i>Form 4.2-5 Item 10</i>
Post-developed	<b>4</b> <i>Form 4.2-3 Item 13</i>	<b>5</b> <i>Form 4.2-4 Item 14</i>	<b>6</b> <i>Form 4.2-5 Item 14</i>
Difference	<b>7</b> <i>Item 4 – Item 1</i>	<b>8</b> <i>Item 2 – Item 5</i>	<b>9</b> <i>Item 6 – Item 3</i>
Difference (as % of pre-developed)	<b>10</b> % <i>Item 7 / Item 1</i>	<b>11</b> % <i>Item 8 / Item 2</i>	<b>12</b> % <i>Item 9 / Item 3</i>

Bioretention Facility - Design Procedure		BMP ID BMP1	Legend:	Required Entries
Company Name: VVBF		Date: 7/31/2023		
Designed by: TH		County/City Case No.:		
Design Volume				
Enter the area tributary to this feature			$A_T =$	10 acres
Enter $V_{BMP}$ determined from Section 2.1 of this Handbook			$V_{BMP} =$	11,705 ft <sup>3</sup>
Type of Bioretention Facility Design				
<input checked="" type="radio"/> Side slopes required (parallel to parking spaces or adjacent to walkways) <input type="radio"/> No side slopes required (perpendicular to parking space or Planter Boxes)				
Bioretention Facility Surface Area				
Depth of Soil Filter Media Layer			$d_S =$	3.0 ft
Top Width of Bioretention Facility, excluding curb			$w_T =$	40.0 ft
Total Effective Depth, $d_E$ $d_E = (0.3) \times d_S + (0.4) \times 1 - (0.7/w_T) + 0.5$			$d_E =$	1.78 ft
Minimum Surface Area, $A_m$ $A_M (ft^2) = \frac{V_{BMP} (ft^3)}{d_E (ft)}$			$A_M =$	6,567 ft <sup>2</sup>
Proposed Surface Area			$A =$	6,600 ft <sup>2</sup>
Bioretention Facility Properties				
Side Slopes in Bioretention Facility			$z =$	4 :1
Diameter of Underdrain				6 inches
Longitudinal Slope of Site (3% maximum)				1 %
6" Check Dam Spacing				25 feet
Describe Vegetation:				
Notes:				

## APPENDIX D

## Worksheet for Circular Pipe - 1

Project Description	
Friction Method	Manning Formula
Solve For	Discharge
Input Data	
Roughness Coefficient	0.010
Channel Slope	0.005 ft/ft
Normal Depth	24.0 in
Diameter	24.0 in
Results	
Discharge	20.79 cfs
Flow Area	3.1 ft <sup>2</sup>
Wetted Perimeter	6.3 ft
Hydraulic Radius	6.0 in
Top Width	0.00 ft
Critical Depth	19.6 in
Percent Full	100.0 %
Critical Slope	0.005 ft/ft
Velocity	6.62 ft/s
Velocity Head	0.68 ft
Specific Energy	2.68 ft
Froude Number	(N/A)
Maximum Discharge	22.37 cfs
Discharge Full	20.79 cfs
Slope Full	0.005 ft/ft
Flow Type	Undefined
GVF Input Data	
Downstream Depth	0.0 in
Length	0.0 ft
Number Of Steps	0
GVF Output Data	
Upstream Depth	0.0 in
Profile Description	N/A
Profile Headloss	0.00 ft
Average End Depth Over Rise	0.0 %
Normal Depth Over Rise	100.0 %
Downstream Velocity	Infinity ft/s
Upstream Velocity	Infinity ft/s
Normal Depth	24.0 in
Critical Depth	19.6 in
Channel Slope	0.005 ft/ft
Critical Slope	0.005 ft/ft



**NOAA Atlas 14, Volume 6, Version 2**  
**Location name: Victorville, California, USA\***  
**Latitude: 34.6112°, Longitude: -117.3561°**  
**Elevation: 2627 ft\*\***



\* source: ESRI Maps  
 \*\* source: USGS

**POINT PRECIPITATION FREQUENCY ESTIMATES**

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Tryppaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

[PF\\_tabular](#) | [PF\\_graphical](#) | [Maps\\_&\\_aerials](#)

**PF tabular**

<b>PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)<sup>1</sup></b>										
<b>Duration</b>	<b>Average recurrence interval (years)</b>									
	<b>1</b>	<b>2</b>	<b>5</b>	<b>10</b>	<b>25</b>	<b>50</b>	<b>100</b>	<b>200</b>	<b>500</b>	<b>1000</b>
<b>5-min</b>	<b>0.087</b> (0.071-0.106)	<b>0.120</b> (0.099-0.147)	<b>0.166</b> (0.136-0.204)	<b>0.205</b> (0.167-0.255)	<b>0.262</b> (0.207-0.336)	<b>0.309</b> (0.238-0.404)	<b>0.358</b> (0.270-0.480)	<b>0.411</b> (0.301-0.566)	<b>0.486</b> (0.342-0.698)	<b>0.547</b> (0.372-0.813)
<b>10-min</b>	<b>0.124</b> (0.102-0.152)	<b>0.172</b> (0.141-0.211)	<b>0.238</b> (0.195-0.293)	<b>0.295</b> (0.240-0.365)	<b>0.376</b> (0.297-0.482)	<b>0.443</b> (0.342-0.579)	<b>0.513</b> (0.387-0.688)	<b>0.589</b> (0.432-0.811)	<b>0.697</b> (0.491-1.00)	<b>0.785</b> (0.534-1.16)
<b>15-min</b>	<b>0.150</b> (0.124-0.184)	<b>0.208</b> (0.171-0.255)	<b>0.288</b> (0.236-0.354)	<b>0.356</b> (0.290-0.442)	<b>0.455</b> (0.359-0.583)	<b>0.535</b> (0.413-0.700)	<b>0.621</b> (0.468-0.832)	<b>0.712</b> (0.522-0.981)	<b>0.843</b> (0.593-1.21)	<b>0.949</b> (0.645-1.41)
<b>30-min</b>	<b>0.201</b> (0.166-0.246)	<b>0.278</b> (0.229-0.341)	<b>0.386</b> (0.317-0.474)	<b>0.477</b> (0.389-0.592)	<b>0.610</b> (0.481-0.781)	<b>0.717</b> (0.554-0.938)	<b>0.832</b> (0.627-1.12)	<b>0.955</b> (0.700-1.32)	<b>1.13</b> (0.795-1.62)	<b>1.27</b> (0.865-1.89)
<b>60-min</b>	<b>0.236</b> (0.195-0.290)	<b>0.327</b> (0.269-0.401)	<b>0.453</b> (0.372-0.558)	<b>0.561</b> (0.457-0.696)	<b>0.717</b> (0.565-0.919)	<b>0.843</b> (0.651-1.10)	<b>0.978</b> (0.737-1.31)	<b>1.12</b> (0.823-1.55)	<b>1.33</b> (0.935-1.91)	<b>1.50</b> (1.02-2.22)
<b>2-hr</b>	<b>0.326</b> (0.269-0.400)	<b>0.439</b> (0.362-0.539)	<b>0.596</b> (0.489-0.733)	<b>0.729</b> (0.594-0.904)	<b>0.921</b> (0.726-1.18)	<b>1.08</b> (0.830-1.41)	<b>1.24</b> (0.934-1.66)	<b>1.41</b> (1.04-1.95)	<b>1.66</b> (1.17-2.38)	<b>1.86</b> (1.26-2.75)
<b>3-hr</b>	<b>0.382</b> (0.315-0.469)	<b>0.510</b> (0.420-0.625)	<b>0.686</b> (0.563-0.843)	<b>0.836</b> (0.681-1.04)	<b>1.05</b> (0.828-1.34)	<b>1.22</b> (0.945-1.60)	<b>1.40</b> (1.06-1.88)	<b>1.60</b> (1.17-2.20)	<b>1.87</b> (1.32-2.68)	<b>2.08</b> (1.42-3.09)
<b>6-hr</b>	<b>0.502</b> (0.414-0.616)	<b>0.666</b> (0.548-0.817)	<b>0.889</b> (0.730-1.09)	<b>1.08</b> (0.879-1.34)	<b>1.35</b> (1.06-1.73)	<b>1.56</b> (1.21-2.04)	<b>1.79</b> (1.35-2.39)	<b>2.02</b> (1.48-2.79)	<b>2.36</b> (1.66-3.38)	<b>2.62</b> (1.78-3.88)
<b>12-hr</b>	<b>0.621</b> (0.512-0.761)	<b>0.838</b> (0.690-1.03)	<b>1.13</b> (0.930-1.39)	<b>1.38</b> (1.12-1.71)	<b>1.72</b> (1.36-2.20)	<b>1.99</b> (1.54-2.60)	<b>2.27</b> (1.71-3.05)	<b>2.57</b> (1.88-3.54)	<b>2.97</b> (2.09-4.26)	<b>3.28</b> (2.23-4.87)
<b>24-hr</b>	<b>0.769</b> (0.682-0.884)	<b>1.06</b> (0.943-1.23)	<b>1.46</b> (1.29-1.69)	<b>1.79</b> (1.57-2.08)	<b>2.24</b> (1.90-2.70)	<b>2.59</b> (2.15-3.18)	<b>2.95</b> (2.39-3.72)	<b>3.33</b> (2.62-4.31)	<b>3.84</b> (2.90-5.18)	<b>4.23</b> (3.09-5.92)
<b>2-day</b>	<b>0.853</b> (0.757-0.982)	<b>1.20</b> (1.07-1.39)	<b>1.68</b> (1.48-1.94)	<b>2.06</b> (1.81-2.40)	<b>2.59</b> (2.20-3.12)	<b>3.00</b> (2.49-3.69)	<b>3.42</b> (2.77-4.31)	<b>3.86</b> (3.04-4.99)	<b>4.44</b> (3.36-5.99)	<b>4.88</b> (3.57-6.83)
<b>3-day</b>	<b>0.929</b> (0.824-1.07)	<b>1.32</b> (1.17-1.52)	<b>1.85</b> (1.64-2.14)	<b>2.29</b> (2.01-2.67)	<b>2.88</b> (2.44-3.47)	<b>3.34</b> (2.77-4.10)	<b>3.80</b> (3.08-4.79)	<b>4.29</b> (3.38-5.55)	<b>4.94</b> (3.73-6.67)	<b>5.44</b> (3.97-7.61)
<b>4-day</b>	<b>0.977</b> (0.867-1.12)	<b>1.40</b> (1.24-1.61)	<b>1.97</b> (1.74-2.27)	<b>2.43</b> (2.13-2.84)	<b>3.07</b> (2.60-3.69)	<b>3.55</b> (2.95-4.37)	<b>4.05</b> (3.28-5.10)	<b>4.56</b> (3.59-5.90)	<b>5.25</b> (3.97-7.09)	<b>5.78</b> (4.22-8.07)
<b>7-day</b>	<b>1.03</b> (0.911-1.18)	<b>1.47</b> (1.30-1.70)	<b>2.08</b> (1.84-2.41)	<b>2.59</b> (2.27-3.01)	<b>3.27</b> (2.77-3.94)	<b>3.79</b> (3.15-4.66)	<b>4.32</b> (3.50-5.44)	<b>4.85</b> (3.82-6.28)	<b>5.56</b> (4.20-7.50)	<b>6.08</b> (4.44-8.49)
<b>10-day</b>	<b>1.07</b> (0.946-1.23)	<b>1.54</b> (1.36-1.77)	<b>2.19</b> (1.93-2.52)	<b>2.72</b> (2.38-3.17)	<b>3.46</b> (2.93-4.17)	<b>4.02</b> (3.34-4.95)	<b>4.59</b> (3.72-5.78)	<b>5.16</b> (4.06-6.68)	<b>5.92</b> (4.48-8.00)	<b>6.48</b> (4.73-9.06)
<b>20-day</b>	<b>1.19</b> (1.05-1.36)	<b>1.75</b> (1.55-2.02)	<b>2.56</b> (2.26-2.96)	<b>3.24</b> (2.84-3.77)	<b>4.20</b> (3.56-5.06)	<b>4.96</b> (4.12-6.10)	<b>5.73</b> (4.64-7.21)	<b>6.51</b> (5.13-8.43)	<b>7.54</b> (5.70-10.2)	<b>8.30</b> (6.06-11.6)
<b>30-day</b>	<b>1.31</b> (1.16-1.51)	<b>1.96</b> (1.74-2.26)	<b>2.92</b> (2.58-3.37)	<b>3.74</b> (3.28-4.36)	<b>4.94</b> (4.19-5.95)	<b>5.89</b> (4.89-7.24)	<b>6.86</b> (5.56-8.64)	<b>7.85</b> (6.18-10.2)	<b>9.18</b> (6.94-12.4)	<b>10.1</b> (7.41-14.2)
<b>45-day</b>	<b>1.51</b> (1.34-1.73)	<b>2.29</b> (2.02-2.63)	<b>3.45</b> (3.05-3.98)	<b>4.48</b> (3.93-5.22)	<b>6.02</b> (5.10-7.25)	<b>7.28</b> (6.04-8.95)	<b>8.57</b> (6.94-10.8)	<b>9.91</b> (7.81-12.8)	<b>11.7</b> (8.87-15.8)	<b>13.1</b> (9.57-18.3)
<b>60-day</b>	<b>1.63</b> (1.45-1.88)	<b>2.49</b> (2.21-2.87)	<b>3.81</b> (3.37-4.40)	<b>5.01</b> (4.39-5.83)	<b>6.80</b> (5.76-8.19)	<b>8.30</b> (6.89-10.2)	<b>9.88</b> (8.00-12.4)	<b>11.5</b> (9.07-14.9)	<b>13.8</b> (10.4-18.6)	<b>15.5</b> (11.3-21.7)

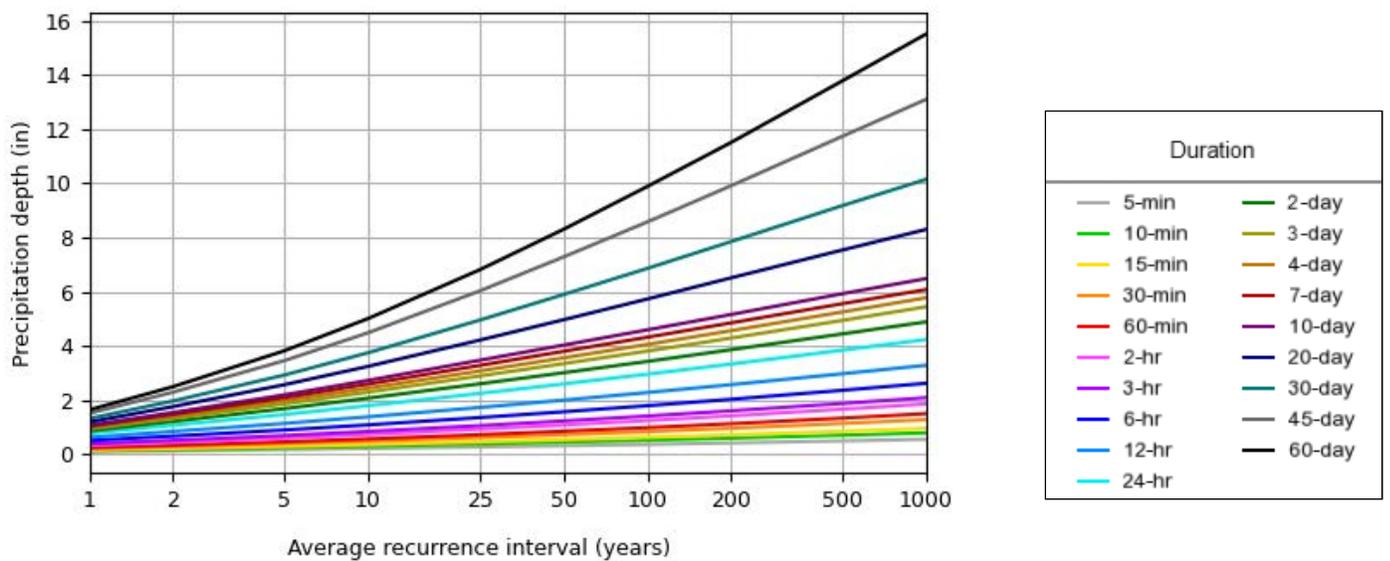
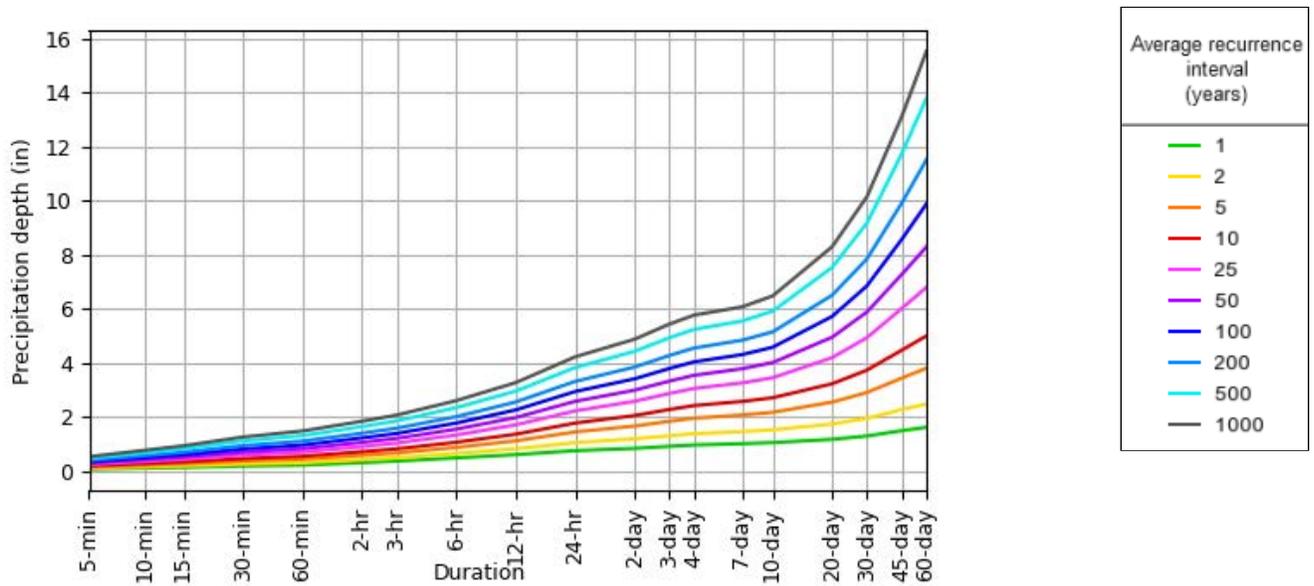
<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

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**PF graphical**

PDS-based depth-duration-frequency (DDF) curves

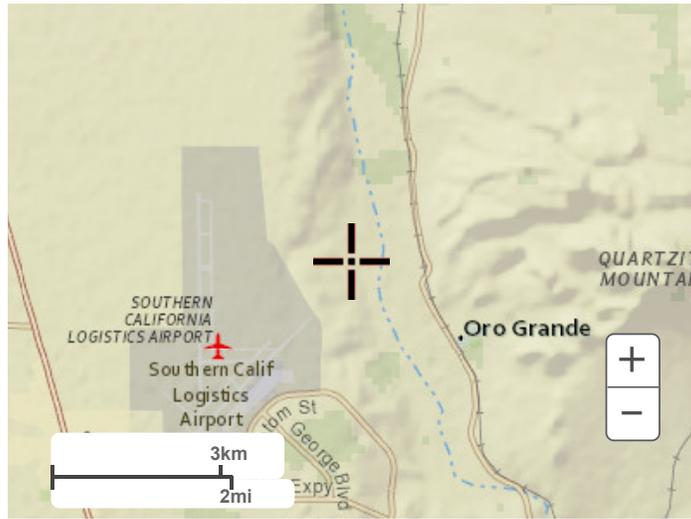
Latitude: 34.6112°, Longitude: -117.3561°



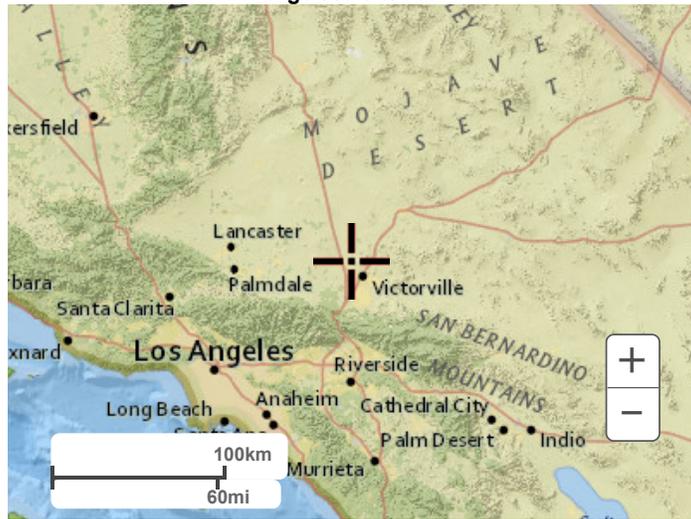
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**Maps & aerials**

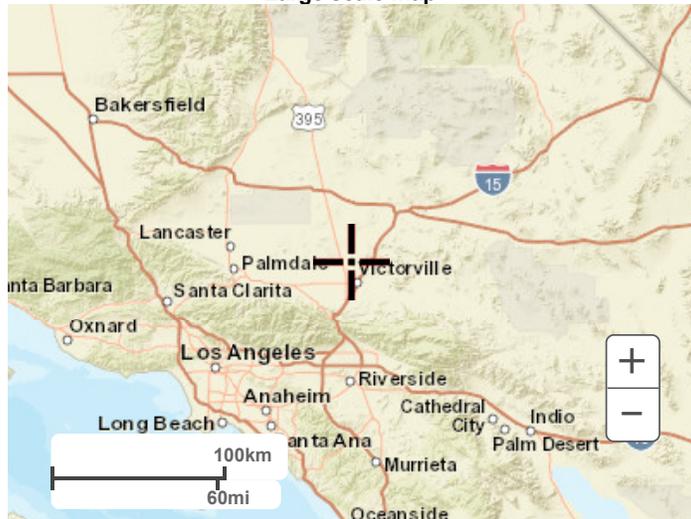
**Small scale terrain**



Large scale terrain



Large scale map



Large scale aerial



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**NRCS**

Natural  
Resources  
Conservation  
Service

A product of the National  
Cooperative Soil Survey,  
a joint effort of the United  
States Department of  
Agriculture and other  
Federal agencies, State  
agencies including the  
Agricultural Experiment  
Stations, and local  
participants

# Custom Soil Resource Report for San Bernardino County, California, Mojave River Area

164-001



# Preface

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Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist ([http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2\\_053951](http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951)).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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# How Soil Surveys Are Made

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Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

## Custom Soil Resource Report

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

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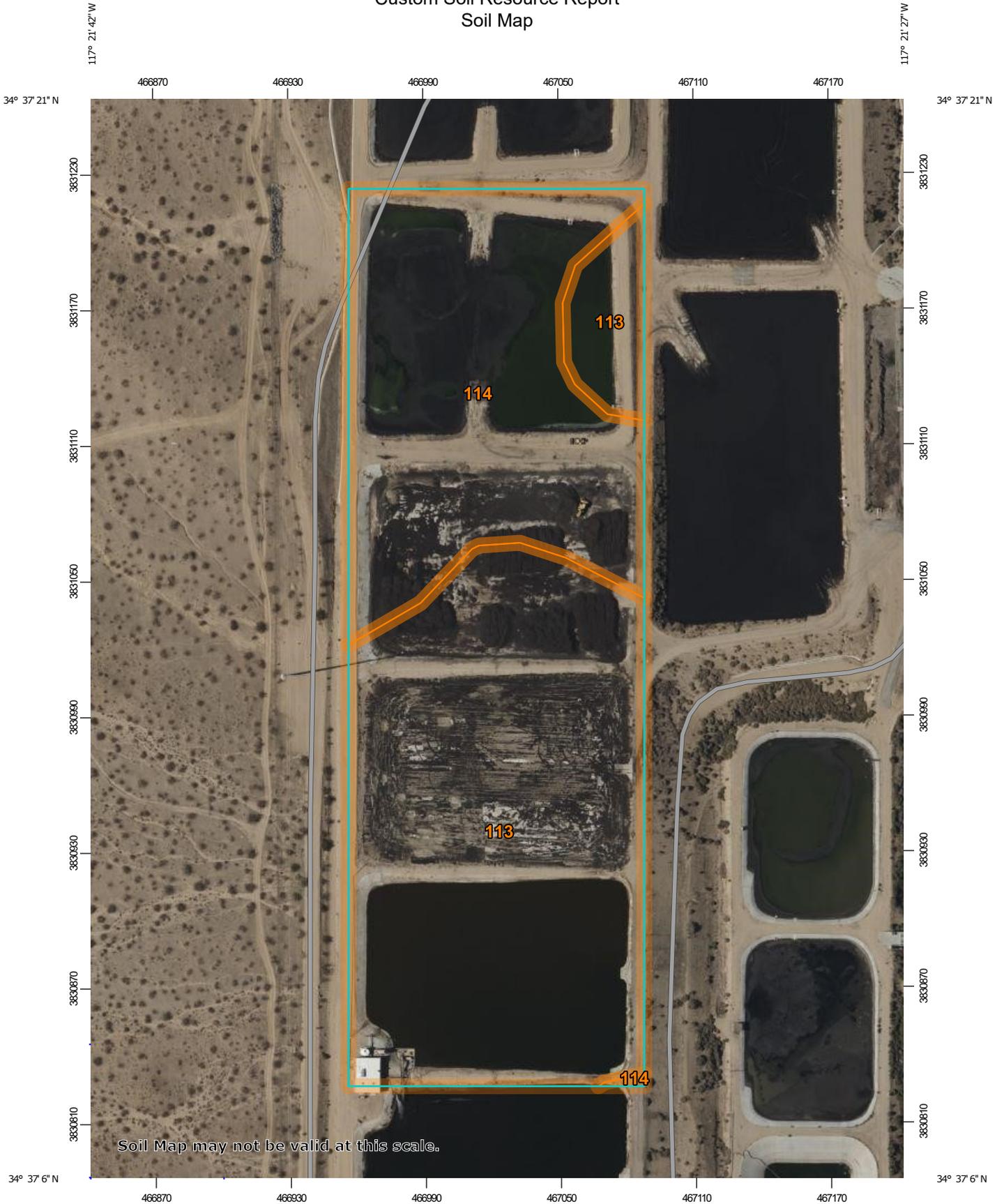
identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

# Soil Map

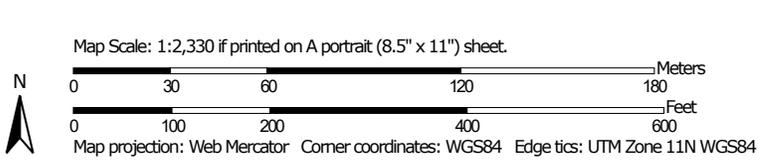
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The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

# Custom Soil Resource Report Soil Map



Soil Map may not be valid at this scale.



### MAP LEGEND

**Area of Interest (AOI)**

 Area of Interest (AOI)

**Soils**

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

**Special Point Features**

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

**Water Features**

 Streams and Canals

**Transportation**

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

**Background**

 Aerial Photography

### MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL:  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: San Bernardino County, California, Mojave River Area  
 Survey Area Data: Version 14, Sep 1, 2022

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 17, 2022—Jun 12, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background

**MAP LEGEND**

**MAP INFORMATION**

imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
113	CAJON SAND, 2 TO 9 PERCENT SLOPES	7.9	61.3%
114	CAJON SAND, 9 TO 15 PERCENT SLOPES	5.0	38.7%
<b>Totals for Area of Interest</b>		<b>12.9</b>	<b>100.0%</b>

## Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however,

## Custom Soil Resource Report

onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

## San Bernardino County, California, Mojave River Area

### 113—CAJON SAND, 2 TO 9 PERCENT SLOPES

#### Map Unit Setting

*National map unit symbol:* hkrk

*Elevation:* 1,800 to 3,500 feet

*Mean annual precipitation:* 3 to 6 inches

*Mean annual air temperature:* 59 to 68 degrees F

*Frost-free period:* 180 to 290 days

*Farmland classification:* Farmland of statewide importance

#### Map Unit Composition

*Cajon and similar soils:* 85 percent

*Minor components:* 15 percent

*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Cajon

##### Setting

*Landform:* Alluvial fans

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium derived from mixed sources

##### Typical profile

*A - 0 to 6 inches:* sand

*C1 - 6 to 25 inches:* sand

*C2 - 25 to 60 inches:* gravelly sand

##### Properties and qualities

*Slope:* 0 to 4 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Somewhat excessively drained

*Runoff class:* Very low

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 19.98 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* None

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 1 percent

*Available water supply, 0 to 60 inches:* Very low (about 3.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4e

*Land capability classification (nonirrigated):* 6e

*Hydrologic Soil Group:* A

*Ecological site:* R030XF012CA - Sandy

*Hydric soil rating:* No

#### Minor Components

##### Helendale

*Percent of map unit:* 5 percent

## Custom Soil Resource Report

*Landform:* Alluvial fans  
*Hydric soil rating:* No

### **Kimberlina**

*Percent of map unit:* 5 percent  
*Landform:* Alluvial fans  
*Hydric soil rating:* No

### **Cajon, gravelly surface**

*Percent of map unit:* 5 percent  
*Landform:* Alluvial fans

## **114—CAJON SAND, 9 TO 15 PERCENT SLOPES**

### **Map Unit Setting**

*National map unit symbol:* hkrl  
*Elevation:* 1,800 to 4,000 feet  
*Mean annual precipitation:* 3 to 6 inches  
*Mean annual air temperature:* 59 to 66 degrees F  
*Frost-free period:* 180 to 290 days  
*Farmland classification:* Not prime farmland

### **Map Unit Composition**

*Cajon, slope, and similar soils:* 85 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

### **Description of Cajon, Slope**

#### **Setting**

*Landform:* Alluvial fans  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Tread  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from granite sources

#### **Typical profile**

*H1 - 0 to 6 inches:* sand  
*H2 - 6 to 42 inches:* sand  
*H3 - 42 to 60 inches:* gravelly sand

#### **Properties and qualities**

*Slope:* 9 to 15 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Somewhat excessively drained  
*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 19.98 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None

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*Calcium carbonate, maximum content:* 1 percent  
*Available water supply, 0 to 60 inches:* Low (about 4.0 inches)

### **Interpretive groups**

*Land capability classification (irrigated):* None specified  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* A  
*Ecological site:* R030XF012CA - Sandy  
*Hydric soil rating:* No

### **Minor Components**

#### **Arizo**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

#### **Cajon, steep**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

#### **Cajon, gravelly surface**

*Percent of map unit:* 5 percent  
*Hydric soil rating:* No

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